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UNITED STATES DISTRICT COURT

NORTHERN DISTRICT OF CALIFORNIA

NEO4J, INC., a Delaware corporation, and NEO4J SWEDEN AB, a Swedish corporation,

Plaintiffs,

v.

PURETHINK LLC, a Delaware limited liability company, IGOV INC., a Virginia corporation, and JOHN MARK SUHY, an individual,

Defendants.

CASE NO. 5:18-cv-07182-EJD

FIRST AMENDED COMPLAINT FOR: (1) TRADEMARK INFRINGEMENT; (2) FALSE DESIGNATION OF ORIGIN; (3) FALSE ADVERTISING; (4) FEDERAL AND STATE UNFAIR COMPETITION; (5) BREACH OF CONTRACT; (6) INVASION OF PRIVACY; AND (7) VIOLATIONS OF THE DMCA

DEMAND FOR JURY TRIAL

Plaintiffs Neo4j, Inc. ("Neo4j USA") and Neo4j Sweden AB ("Neo4j Sweden") hereby brings the present action against Defendants PureThink LLC, iGov Inc., and John Mark Suhy (collectively "Defendants") and alleges as follows:

NATURE OF ACTION

1. This is an action for damages and injunctive relief arising out of Defendants' infringement of Neo4j USA's registered trademarks, acts amounting to unfair competition, breaches of contract, and invasion of privacy, as well as Defendants' violations of the Digital Millennium Copyright Act.

THE PARTIES

2. Neo4j USA is a corporation organized under the laws of the State of Delaware with its principal place of business in San Mateo, California. Neo4j USA originally incorporated as Neo Technology, Inc. and then changed its name to Neo4j, Inc. in or about July 2017. Neo4j USA is the graph company behind the number one platform for connected data, marketed and sold under the trademark Neo4j®. The Neo4j® graph platform helps organizations make sense of their data by revealing how people, processes and digital systems are interrelated. This connections-first approach powers intelligent applications tackling challenges such as artificial intelligence, fraud detection, real-time recommendations and master data.

3. Neo4j USA boasts the world's largest dedicated investment in native graph technology. It has more than 300 commercial customers, including global enterprises like Walmart, Comcast, Cisco, eBay, and UBS use Neo4j® to create a competitive advantage from connections in their data. Neo4j USA also does substantial business with government agencies, including a number of agencies within the United States Government.

4. Neo4j Sweden is a Swedish corporation, having its principal place of business at Anckargripsgatan 3, S-21119 Malmo, Sweden, and is a wholly owned subsidiary of Neo4j USA. Neo4j Sweden is the owner of all copyrights related to the Neo4j® graph platform, including the source code, and has licensed said copyrights to Neo4j USA in connection with the making, use, creation of derivative works, sale, offer to sell, importation, performance, display, reproduction and distribution of the copyrighted material, and the sublicensing of such rights.

5. Defendant PureThink LLC ("PureThink") is a limited liability company organized under the laws of the State of Delaware with a principal place of business in Reston, Virginia. PureThink purports to be a software development company and was previously an authorized Neo4j® Solution Partner. PureThink is no longer an authorized Neo4j® Solution Partner and Neo4j USA is informed and believes that PureThink is currently a shell entity maintained by the other defendants and is not currently conducting or engaged in any meaningful business activities.

6. Plaintiffs are informed and believe, and based thereon allege, that Defendant iGov Inc. ("iGov") is a corporation organized under the laws of the Commonwealth of Virginia with a

principal place of business in Reston, Virginia. Plaintiffs are informed and believe, and based thereon allege, that iGov is software development and consulting company that focuses on large-scale graph and AI solutions, which competes with Neo4j® and its authorized Solution Partners. Plaintiffs are further informed and believe that iGov is the assignee and successor-in-interest to PureThink, or otherwise acquired substantially all of PureThink's assets sometime in mid-2017.

7. Plaintiffs are informed and believe, and based thereon allege, that iGov also does business as GraphStack, which also competes with Neo4j® and its authorized Solution Partners.

8. Plaintiffs are informed and believe, and based thereon allege, that Defendant John Mark Suhy ("Suhy") is an individual residing in Reston, Virginia. Plaintiffs are further informed and believe that Suhy is the sole member and manager of PureThink. Plaintiffs are also informed and believe that Suhy is the sole shareholder of iGov, as well as an officer and director of iGov.

ALTER EGO ALLEGATIONS

9. Plaintiffs are informed and believe, and based thereon allege, that at all times herein mentioned there existed a unity of interest and ownership between iGov and PureThink. Any individuality and separateness between iGov and PureThink ceased and/or never existed, and iGov is the alter ego of PureThink, in that, among other reasons, and that iGov was conceived, intended, and used by Suhy and PureThink as a device to avoid liability and that PureThink is so inadequately capitalized that, compared with the business done by iGov and the risk of loss attendant thereon, such capitalization was illusory and/or trifling.

10. Plaintiffs are informed and believe, and based thereon allege, that at all times herein mentioned that PureThink is a mere shell instrumentality maintained to protect iGov. It now carries on its business in the company name exactly as PureThink and Suhy had conducted it previous to iGov's formation and/or previous to them acquiring a controlling interest in iGov and/or previous to becoming promoters thereof, exercised complete control and dominance of the business done by PureThink and now iGov to such an extent that any individuality or separateness of PureThink and iGov at all times herein mentioned did and do not exist.

11. For example, PureThink and iGov originally shared the same principal place of business at 1902 Campus Commons Drive, Suite 101, Reston, VA 20191. Likewise, PureThink

and iGov still share the same customer support number, 1-855-979-7771.

12. PureThink and iGov's websites are also virtually identical and contain much of the same verbiage, such as their core philosophies and results:

> To help you succeed, we believe in working closely and cooperatively with our clients. Our goal is to ensure everyone on the same page regarding project status, methods and tasks. Our approach is to develop software according to an Agile methodology which means we emphasize people and interaction rather than complicated processes and endless documentation.
>
> * * *
>
> Our mission is to bring the greatest value to our clients by leveraging our considerable depth of resources and experience. We align our approach to the specific business drivers of each business we work with whom we tailor solutions to best suit different cultural environments, industries, and market conditions. We focus on business strategy implementation, not business strategy development.

Compare https://purethink.com/about.html *and* https://igovsol.com/about.html.

13. Plaintiffs are informed and believe, and based thereon allege, that other components from PureThink's website were ported over to iGov's website.

14. Plaintiffs are informed and believe, and based thereon allege, that adherence to the fiction of the separate existence of iGov as an entity distinct from PureThink would permit an abuse of the privilege of formation and would sanction fraud and/or promote injustice, and that among other circumstances, Suhy and PureThink caused monetary and other assets to be withdrawn and/or transferred from PureThink without any consideration, or with insufficient consideration, to iGov, all for the purposes of avoiding liability and preventing attachment and execution by creditors, including Plaintiffs, thereby rendering PureThink insolvent and unable to fully perform its obligations; and at all times herein mentioned, was not so capitalized, solvent and unable to fully perform any obligations undertaken by as set further herein.

JURISDICTION AND VENUE

15. The jurisdiction of this Court over the subject matter of this action is predicated, pursuant to 28 U.S.C. § 1331, on the fact that Plaintiffs present a civil action arising under the Federal Trademark Act (the "Lanham Act"), 15 U.S.C. § 1051 et seq., and the Digital Millennium Copyright Act (DMCA), 17 U.S.C. § 1201 et seq. The remainder of Plaintiffs' claims are subject

to the jurisdiction of this Court, pursuant to 28 U.S.C. §§ 1338(b) and 1367, because the claims are joined with one or more substantial and related claims under the Lanham Act.

16. This action arises out of wrongful acts committed by Defendants in California and this District, which acts subject Defendants to the personal jurisdiction of this Court. Plaintiffs are informed and believe, and based thereon allege that Defendants specifically target consumers and derive substantial revenue within California and this District, and expect their actions to have consequences within California and this District. For all of these reasons, personal jurisdiction over Defendants exists.

17. Venue is proper in the Northern District of California pursuant to 28 U.S.C. § 1391 as Defendants engage in infringing activities and acts of unfair competition in this District. In addition, Defendants have on a continual basis committed the wrongful acts alleged below within this District, in business interactions purposefully elicited by Defendants with or directed to residents of the district, all of which has harmed and continues to harm Plaintiffs within this District.

18. At least one defendant, PureThink, entered into a Solution Partner Agreement with Neo4j USA ("the Partner Agreement"), which is subject to the claims asserted herein and contains a provision wherein it effectively agreed and consented to jurisdiction within California and specifically a court within the Northern District of California.

INTRADISTRICT ASSIGNMENT

19. Pursuant to Northern District Local Rule 3-2(c) and Northern District General Order 44, venue in this action is proper in any Courthouse in this District because this case is brought under the Lanham Act and involves intellectual property rights.

THE NEO4J® BRAND

20. Plaintiffs' business was formed after its founders encountered performance problems with relational database management systems (RDMS). Plaintiffs then developed a graph database management system developed under the Neo4j® brand and quickly became the industry leader in graph database solutions and software.

21. In conjunction with Plaintiffs' business, Neo4j USA filed for and obtained several

federally registered trademarks. Specifically, Neo4j USA is the owner of U.S. Trademark Registration No. 4,784,280 for the word mark "NEO4J" covering the following goods and services:

- (IC 009) Computer programs for managing, storing, and accessing data from a database, analyzing data in computer databases for business purposes, processing in the nature of updating data in computer databases, and visualizing in the nature of creating graphs from data stored in databases; computer programs for storing, managing, and querying data from databases on computers, computer networks, and global computer networks.
- (IC 035) Consulting services and advice in the field of updating and maintenance of data in computer databases.
- (IC 041) Educational services, namely, conducting training classes, certification training, workshops, tutorial sessions, and online classes in the fields of designing computer databases and updating and maintenance of data in computer databases, and distributing course materials in connection therewith; providing training services in the fields of designing computer databases and updating and maintenance of data in computer databases, and distributing course materials in connection therewith.
- (IC 042) Providing a web site featuring technology that enables end users to store, manage, and query data from databases on computers, computer networks, and global computer networks; cloud computing featuring software for use in managing, storing, and accessing data from a database, analyzing data in computer databases for business purposes, processing in the nature of updating data in computer databases, and visualizing in the nature of creating graphs from data stored in databases; Technical support services, namely, installation, administration, and troubleshooting of database applications; Computer services, namely, providing consultation services and advice in the fields of designing computer databases.

- (IC 045) Consulting services and advice in the field of maintaining the security and integrity of databases.

22. Neo4j USA first used the NEO4J® Mark in June 2006 and first used that mark in commerce in May 2007, and has continually used the NEO4J® Mark since being published by the USPTO in May 2015 and issued on August 4, 2015. A true and correct copy of U.S. Trademark Registration No. 4,784,280 is attached hereto as **Exhibit 1**.

23. Neo4j USA has spent considerable effort and investment in the NEO4J® Mark and brand, which as a result have become widely known and are closely identified with Neo4j USA and represent substantial, valuable goodwill.

THE EVOLUTION OF PLAINTIFFS' LICENSING MODEL FOR NEO4J® SOFTWARE

24. Prior to November 2018, Plaintiffs' business model was to offer a free open source version of its primary software offering, NEO4J® Community Edition ("Community Edition"), under the GNU General Public License version 3 ("GPLv3") license. This edition is limited in its feature set and offers no support. Users requiring additional features for more advanced commercial operation, together with support, licensed its NEO4J® Enterprise Edition ("NEO4J® EE") under commercial terms. NEO4J® EE is a full superset of NEO4J® Community Edition, containing significant additional functionality intended for commercial use.

25. Plaintiffs originally offered the NEO4J® EE under both a paid for commercial license and the free GNU Affero General Public License, version 3 ("AGPLv3"). A commercial license to NEO4J® EE entitled the purchaser to use it in a proprietary setting with industry standard terms, receive support or professional services from Neo4j USA, and the right to receive software updates, which included feature updates, bug fixes and assistance. Purchasing a commercial license at a fair price supported the continued development and improvement of NEO4J® EE and NEO4J® Community Edition software.

26. In May 2018, Plaintiffs released NEO4J® EE version 3.4, which they continued to offer under a proprietary commercial license. However, Plaintiffs replaced the AGPLv3 with a stricter license, the AGPLv3 with Commons Clause. This new license, while allowing code to be publicly viewable and used within a certain limited scope of usage, is generally recognized in the

software industry not to qualify as open source, as it prohibits all third-party resale and services activity. Plaintiffs added the Commons Clause to the license for NEO4J® EE to prevent third parties, such as Defendants, from monetizing such software while not contributing back to the companies who are producers of the software.

27. In November 2018, Plaintiffs released version 3.5 of NEO4J® EE solely under a commercial license, while they continued to offer NEO4J® Community Edition as open source software. This meant that Plaintiffs were no longer publishing source code for NEO4J® EE on open source terms. This was done to simplify its licensing model, as well as prevent bad actors (such as Defendants) from willfully misrepresenting the AGPLv3 with Commons Clause and profiting by providing commercial support services in closed, proprietary projects.

28. All versions of NEO4J® software are subject to Plaintiffs' Trademark Policy found on Neo4J USA's website, which states in relevant part:

> Although some Neo4j projects may be available under free and open licenses, those licenses cover copyright only and do not include any express or implied right to use our trademarks. Neo4j does not allow third parties to use its trademarks without a written agreement or express permission. Thus, Neo4j projects that are available under open source licenses may be copied, modified, or sold by third parties, but they cannot be branded or marketed with Neo4j trademarks in the absence of a trademark license.
>
> While open-source licenses allow modification of copyrighted software and distribution in original or modified form, such distribution could be misleading if distributed under the same name. This could cause confusion among consumers of the software as to source. They may mistakenly believe they are receiving software that is produced or supported by Neo4j. This Policy describes the circumstances under which you may use our trademarks, regardless of the type of license you may have from Neo4j.
>
> * * *
>
> Any use of the Marks must be licensed and comply with these guidelines. Whenever you use one of the Marks, you must always do so in a way that does not mislead anyone, either directly or by omission, about exactly what they are getting and from whom. For example, you cannot say you are distributing the Neo4j® software when you're distributing a modified version of it, because people would be confused when they are not getting the same features and functionality they would get if they downloaded the software directly from us. You also cannot distribute Neo4j® software using the Marks if you do not have a license from us, because that would imply that your distribution comes from or is supported by Neo4j.

> You cannot use our Marks on your website in a way that suggests that your website is an official website or that we endorse your website, unless permitted in a written agreement with us.

A true and correct copy of Neo4j USA's Trademark Guidelines (https://neo4j.com/trademark-policy) is attached hereto as **Exhibit 2**.

NEO4J'S AGREEMENT WITH PURETHINK

29. On or about September 30, 2014, Neo4j USA and PureThink entered into the Partner Agreement. Under the Partner Agreement, PureThink agreed to provide first and second line support to end-users of NEO4J® EE software in exchange for annual partner program fees and shared revenue as specified in the Partner Agreement.

30. Under Section 4.1 of the Partner Agreement, Neo4j USA provided PureThink with a non-exclusive, non-transferable limited license during the term of that agreement to, inter alia, "use [Neo4j USA's] trademarks solely to market and promote the Products in accordance with the terms of [the Partner Agreement]." Section 4.1 also incorporated Neo4j's trademark policies as additional limitations on Defendants' use of the NEO4J® mark and making representations about NEO4J® EE and NEO4J® Community Edition software products, which at the time provided in relevant part that:

> Neo Technology software, which is created and/or distributed by Neo Technology and thus properly bears the Trademarks, is the software in the exact binary form that it is distributed by Neo Technology, without modification of any kind. To the extent any authorized modifications are made to the software, such modified software should no longer bear the Trademarks. The public has a right to know when it is receiving a genuine Neo Technology product that is quality assured by Neo Technology.
>
> You must not use any Trademark in a web page title, titletag, metatag, or other manner with the intent or the likely effect of influencing search engine rankings or results listings.

31. In or about March 2017, Plaintiffs learned that Defendants had encouraged at least one government agency to use "free open source NEO4J® EE under the AGPL" and pay PureThink for consulting and support instead of obtaining a commercial license. Plaintiffs also learned that Defendants used a server that belonged to another company to compile in an attempt to avoid the restrictions imposed by the Partner Agreement on PureThink. Defendants even

admitted that they intended to form a new company that would market and offer consulting services for users of NEO4J® open source products.

32. Defendants' words and actions constituted a material breach of the express terms of the Partner Agreement that precluded PureThink from modifying open source Neo4j software and providing related support services. The fact that PureThink led this government agency to believe that it was getting an authentic version of NEO4J® EE was also a breach of the express terms of Section 4.1. When PureThink recompiled NEO4J® EE, it was actually creating software that is not of the same quality as if were compiled by Neo4j, which uses tens of thousands of integrated test scripts. They introduced their own modifications in recompiling the software, thereby misleading that government agency and potentially damaging the NEO4J® Mark and associated goodwill.

33. As a result, on or about May 30, 2017, Neo4j USA provided PureThink with a formal notification of PureThink's material breaches of the Partner Agreement and a demand to cure such breaches pursuant to Section 7.2 thereof. PureThink's material breaches included compiling, using and distributing NEO4J® open source products, and performing services on, as well as continuing to perform services on, NEO4J® open source products in violation of Section 4.3 of the Partner Agreement. A true and correct copy of this May 30, 2017 is attached hereto as **Exhibit 3**.

34. On or about June 30, 2017, Neo4j USA provided PureThink with 90-days written notice pursuant to Sections 7.1 and 7.2 of its election to terminate the Partner Agreement and not to renew the Partner Agreement for a renewal term that would commence on September 30, 2017.

35. On or about July 11, 2017, Neo4j USA provided PureThink with written notice that the Partner Agreement was terminated pursuant to Section 7.2 thereof due to PureThink's failure to timely cure the material breaches set forth in the May 30, 2017 letter ("Breach Notice"). A true and correct copy of this letter is attached hereto as **Exhibit 4**.

36. Neo4j USA also reminded PureThink that several provisions in the Partner Agreement survived termination pursuant to Section 7.4 thereof. This includes, Section 7.3, which provides that upon such termination

> all rights and licenses of Partner hereunder will terminate and Partner shall cease all communications with End Users regarding the Products; and (b) each party … will cease using any trademarks, service marks and other designations of the other party….

37. Section 10 also survived termination and provides that "either party may assign this Agreement without the other party's consent to a parent or subsidiary of such party or in the case of a merger or sale of all or substantially all of its assets or stock."

38. In light of these continuing obligations, Neo4j USA provided notice that it was terminating PureThink's rights and licenses under the Partner Agreement. Neo4j USA demanded that PureThink "cease using [Neo4j USA's] trademarks, service marks, and other designations… and remove from PureThink's website(s) and marketing materials, [Neo4j USA's] trademarks and tradenames, including, without limitation, Neo4j." Neo4j USA further advised that PureThink had "no rights to use [Neo4j USA's] trademarks or tradenames and continued use of such trademarks and/or tradenames will constitute trademark infringement." *See* Exhibit 4.

DEFENDANTS' MISINFORMATION CAMPAIGN REGARDING NEO4J'S SOFTWARE AND INFRINGEMENT OF THE NEO4J® MARK

39. Since Neo4j USA terminated the Partner Agreement, Defendants have engaged in acts that amount to the breach thereof and constitute violations of the Lanham Act. These acts include using the NEO4J® Mark in an improper manner that falsely suggests the Neo4j USA's authorization and/or sponsorship of Defendants' products and services.

40. Plaintiffs are informed and believed, and based thereon allege that Suhy incorporated iGov on or about June 23, 2017 in response to the May 30th notice of breach, and in anticipation of Neo4j USA's termination of the Partner Agreement, and to avoid the aforementioned continuing, agreed-upon restrictions placed on PureThink thereunder and the potential liability for breaching such restrictions.

41. As of November 2017, iGov's website admitted this was Defendants' intent:

> PureThink, the company who created, managed and sold Neo4j Government Edition to all US Federal agencies has ceased their partnership with Neo Technology and Neo4j Government Edition has been retired.

> The principle behind PureThink and the Government Package has created a new corporate entity called iGov Inc, which is not a Neo4j Solution Partner. Because iGov Inc is not a solution partner, it can offer packages at great cost savings to US Government Agencies as it has no restrictions on working with Neo4j Enterprise open source licenses!
>
> iGov Inc and the new Government Package for Neo4j allows agencies to spend their money on developing innovative solutions around Neo4j, not paying for unnecessary production support before they even have a solution built that could be in production.

A true and correct copy of this archived webpage is attached hereto as **Exhibit 5**.

42. However, Plaintiffs are informed and believed, and based thereon alleges that PureThink assigned the Partner Agreement as part of the transfer and/or sale of substantially all of its assets to iGov in conjunction with Suhy's incorporation of iGov. Alternatively, iGov assumed PureThink's obligations under the Partner Agreement as its alter ego. As a result, iGov became subject to the aforementioned contractual restrictions relating to the use of the NEO4J® Mark and any resulting liability for the breach of such provisions in the Partner Agreement.

43. Defendants deceive prospective customers about the source of legitimate NEO4J® products by marketing software modified by Defendants as genuine a NEO4J® EE product via iGov's website. In particular, iGov's website claims that end-users did not need to purchase a commercial license for NEO4J® EE and obtain support from Neo4j or its Solution Partners. Rather, consumers can download iGov's unauthorized recompiled and modified version of NEO4J® EE (confusingly called "Neo4j Enterprise" by iGov) because in Defendants' unqualified legal opinion:

> Neo4j Enterprise can be used for free under the [AGPL]. [] There are no hidden or limiting terms beyond the standard [AGPL]. With Neo4j Enterprise under its free open source [AGPL] license, you simply don't get production email and phone support from Neo4j Inc. You can get a much cheaper support contract through iGov Inc for a fraction of the cost to support your production.

A true and correct copy of the aforementioned portions of iGov's website are attached hereto as **Exhibits 6-8**.

44. Via iGov's website, Defendants published step-by-step instructions on how to circumvent the commercial license requirement for NEO4J® EE version 3.3, and the security

features released as closed-source along with it. A true and correct copy of a blog published by Defendants containing these instructions is attached hereto as **Exhibit 9.**

45. When Neo4j released NEO4J® EE version 3.4 under the AGPLv3 with Commons Clause, Defendants continued to take advantage of the fact that most of this source code was available on GitHub (an open source software hosting site). This allowed them to copy the code while ignoring the restrictions imposed by the AGPL with Commons Clause. Defendants also stripped out valid legal notices and license terms in NEO4J® source code files.

46. Defendants even went as far as to giving unsolicited answers to public posts on open community websites, such as www.stackoverflow.com, to spread further misinformation concerning the nature of Plaintiffs' licensing model and promote Defendants' own unauthorized hybrid offerings as identical to those originating from Neo4j. True and correct copies of Defendants' posts on www.stackoverflow.com are attached hereto as **Exhibits 10-11**.

47. Defendants also mislead consumers by claiming iGov's haphazard "Neo4j Enterprise" builds were equivalent to corresponding versions of NEO4J® EE, which Defendants knew were not. They also ignored that Section 4.1 of the Partner Agreement incorporated Neo4j USA's trademark policies and expressly prohibited Defendants from using the NEO4J® Mark in conjunction with recompiled and modified versions of NEO4J® EE.

48. Defendants further breached Section 4.1 of the Partner Agreement and violated the Lanham Act by include the link titled "Graph Packages" on the home page of iGov's website directs to the domain "https://igovsol.com/**neo4j**.html" (emphasis added). A true and correct copy of a screenshot of this homepage is attached hereto as **Exhibit 12**. Use of NEO4J® in the domain is unnecessary in this instance as any number of generic terms could have been used in place of NEO4J®. The use of NEO4J® as a part of a domain is for a purpose other than to reference Neo4j USA or its NEO4J®-branded products and services, and is in fact misleading to confuse the source or origin of its own offerings to those of Neo4j USA.

49. The top of iGov website at https://igovsol.com/neo4j.html prominently displays "Request Procurement Document Package" link that has "mailto:neo4j@igovsol.com" embedded in the html and creates an email addressed to "neo4j@igovsol.com" upon activation. *See* Exhibit

8. This link is a clear attempt by Defendants to mislead and confuse consumers that it is somehow an authorized source of NEO4J® software and/or support packages for that software. The "Downloads" page on iGov's website (https://igovsol.com/downloads.html) also provides the same contact email address, neo4j@igovsol.com. *See* Exhibit 7.

50. The usage of "neo4j" as an email alias constitutes an unauthorized use of the NEO4J® Mark, especially since more common descriptive or non-infringing terms such as "support@igovsol.com" and "sales@igovsol.com" should be readily available. In fact, iGov uses info@igovsol.com elsewhere on its website as an email address for potential customers to inquire about iGov's services and products.

51. iGov's website at https://igovsol.com/neo4j.html also contains false and misleading statements concerning the source of at least one NEO4J® software product: "Our team is the same team that created Neo4j Enterprise Government Edition. Further, we are the same team that sold and supported every US Federal Government procurement of Neo4j Enterprise Government Edition up until its retirement in July 2017." *See* Exhibit 8. This statement is untrue because neither PureThink nor Suhy created an authorized NEO4J® software product entitled "Neo4j Enterprise Government Edition." Instead, Defendants are improperly rebranding Plaintiff's Neo4j Enterprise Edition without the authorization of Plaintiff.

DEFENDANTS ENGAGE IN UNFAIR COMPETITION BY FALSELY PROMOTING THIRD PARTY SOFTWARE AS BEING IDENTICAL TO NEO4J® EE

52. Defendants remained undeterred in their efforts tarnish the NEO4J® brand and mislead consumers. In or about September 2018, Defendants began to promote a third-party graph database software, Open Native Graph DB (ONgDB), which they describe on iGov's website as "a non-restrictive fork of Neo4j, the world's leading Graph Database."

53. Defendants deceptively market ONgDB via iGov's website as being the equivalent of Neo4j's current version of NEO4J® EE that was only available via a commercial license:

> ONgDB (AKA ONgDB Enterprise) 3.5.5 is Neo4j 3.5.5 Core + the enterprise features Neo4j Inc removed from the code base as of v3.5. All ONgDB and Neo4j Enterprise AGPL distributions can be used in production, in closed source projects, and with no limitations on # of cores or causal cluster instances. ONgDB is a

> drop in replacement for the Neo4j Community and Enterprise branded distributions.

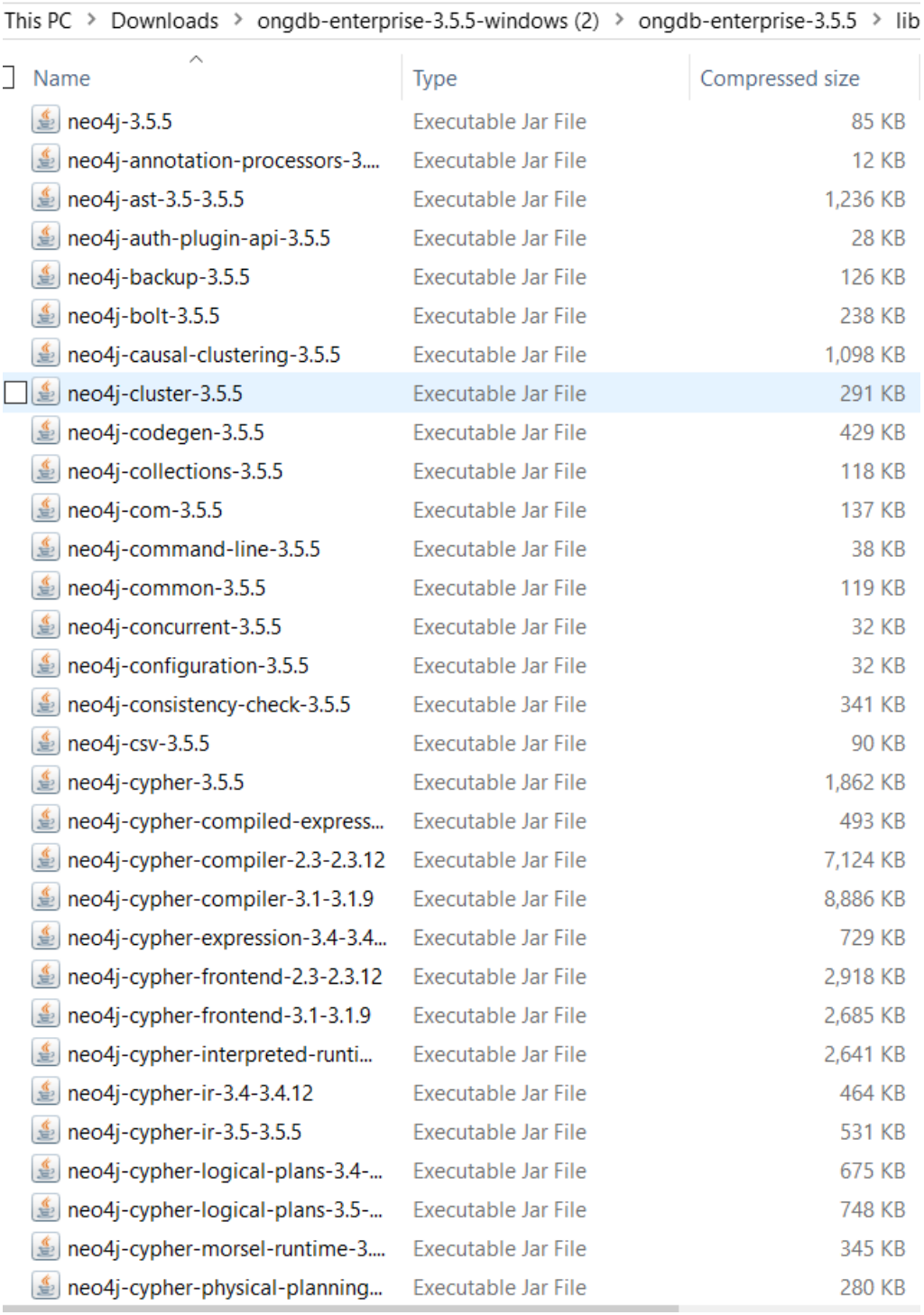
See Exhibit 6.

54. iGov's website also contains a "Neo4j Enterprise Open Source Frequently Asked Questions" section, which deceives consumers into downloading "Neo4j Enterprise from our the Neo4j Inc. [sic] distribution site, or from our Amazon Gov Cloud mirror. **Download Neo4j Enterprise Here**" rather than download an official trial version of NEO4J® EE from Plaintiffs. *See* Exhibit 7. This link misleadingly redirects consumers to the top of iGov's download page with links to download ONgDB rather than to Neo4j USA's distribution site. *See id.* Thus, the use of "Neo4j Enterprise" and corresponding bold texted link is a clear attempt to mislead and confuse consumers regarding ONgDB being the purported equivalent of NEO4J® EE.

55. Plaintiffs are informed and believe, and based thereon allege that ONgDB is actually compiled from pre-version 3.5 NEO4J® EE source code that is frozen in time and includes source code authored by Defendant, while being passed off by Defendants as identical to Neo4j's current commercial-only releases of NEO4J® EE.

56. Defendants are thus promoting software that is not of the same quality as if were compiled by Plaintiffs. This is because the unauthorized hybrid ONgDB software was not entirely created using Plaintiffs' build infrastructure, which carries out tens of thousands of functional, performance, load, stress, and other tests to ensure quality. ONgDB also does not include critical fixes or any other ongoing improvements made by Plaintiffs to NEO4J® EE. Further, because Graph Foundation introduced its own modifications in recompiling ONgDB from various older iterations of NEO4J® software, this increases the potential for instability and compatibility issues with ONgDB. As a result, Defendants are misleading consumers into believing they are downloading an exact copy of Plaintiffs' current commercial-only releases of NEO4J® EE, which in actuality is an inferior product that is not a true "drop in" replacement.

57. Additionally, the ONgDB downloads available from iGov's website at https://igovsol.com/downloads.html (Exhibit 7) contains numerous executable files which are called "neo4j" that clearly infringes on the NEO4J® Mark:



58. Defendants' widespread use of the NEO4J® Mark on iGov's website in conjunction with their promotion of unauthorized hybrid software violates Neo4j USA's Trademark Guidelines and Section 4.1 of the Partner Agreement. It also create consumer confusion that iGov is offering a current authorized version of NEO4J® EE or that ONgDB is

otherwise endorsed by Neo4j USA.

59. Defendants do not provide their own release notes in relation to their promotion of ONgDB. Instead, Defendants use html links on iGov's website to redirect consumers to Neo4j USA's official release notes (https://neo4j.com/release-notes/neo4j-3-5-5/) and "What's New" page (https://neo4j.com/whats-new-in-neo4j/):



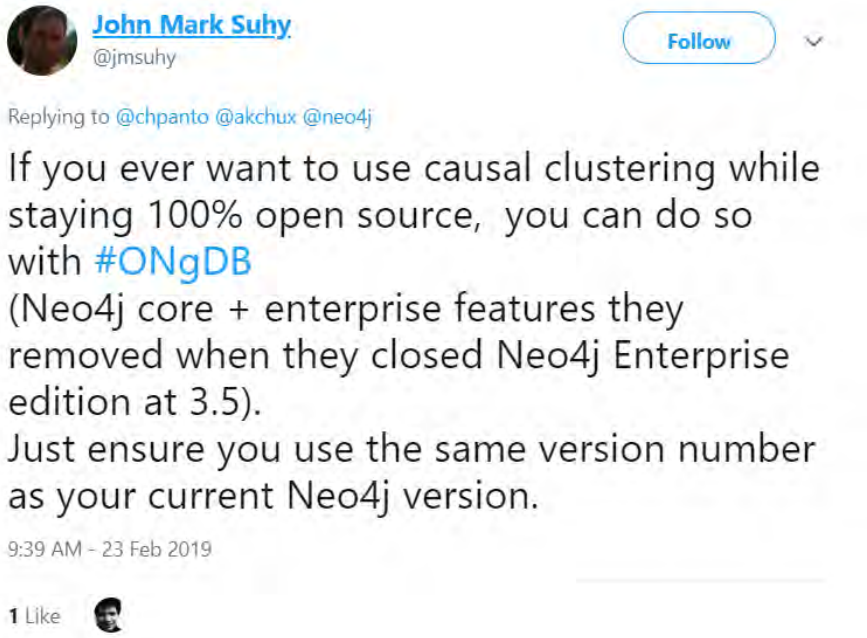
See Exhibit 7. Thus, further promoting the false equivalency between ONgDB and the latest version of NEO4J® EE.

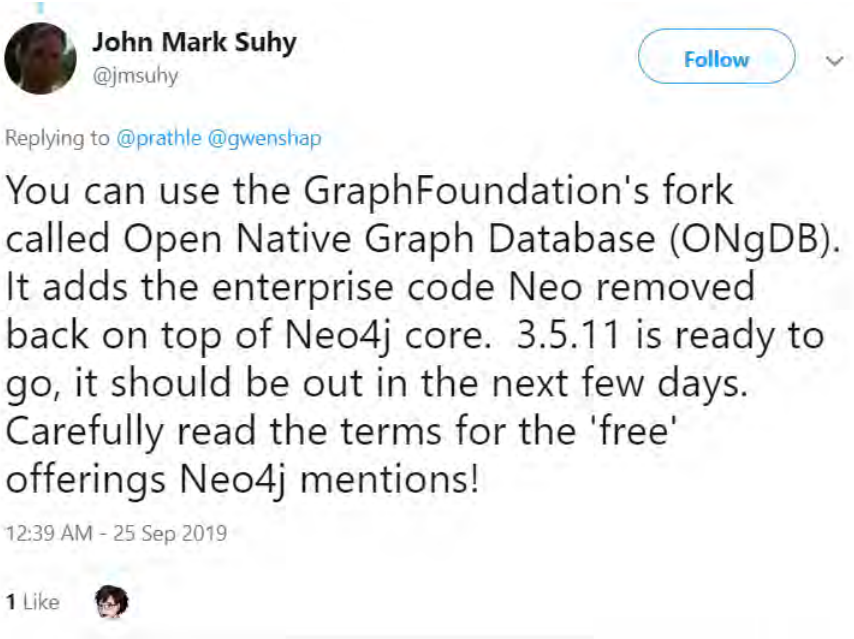
60. Defendants use a second website, www.graphstack.io, to further promote the false equivalency between ONgDB and the latest version of NEO4J® EE. Defendants openly admit that "iGov Inc is the company behind GraphStack" and that "iGov Inc offers production support packages for Neo4j / ONgDB Enterprise open source distributions for US government agencies." Defendants' GraphStack website contains misleading statements concerning ONgDB similar to those on iGov's website, including that ONgDB "is a non-restrictive fork of Neo4j" and "a drop in replacement for any Neo4j Enterprise (or community) distribution of the same version number." A true and correct copy of the homepage for GraphStack's website is attached hereto as **Exhibit 13**.

61. Defendants' GraphStack website offers downloads of ONgDB, which contain numerous executable files which are called "neo4j" that clearly infringes on the NEO4J® Mark. In conjunction therewith, GraphStack website improperly uses html links to redirect consumers to Neo4j USA's official release notes (https://neo4j.com/release-notes/neo4j-3-5-5/) and "What's New" page (https://neo4j.com/whats-new-in-neo4j/) in conjunction with encouraging consumers to download ONgDB as an alleged "[d]rop in replacement for Neo4j Core and Enterprise 3.5.3."

62. Defendants also use Twitter to spread misinformation concerning NEO4J® EE and unfairly complete with Plaintiffs. For example, Suhy has falsely suggested potential

customer that ONgDB contains the same source code as commercial-only licensed NEO4J® EE:





A true and correct copy of these Tweets are attached hereto as **Exhibit 14** and **Exhibit 15**.

DEFENDANTS' MISCONDUCT IS LIKELY TO CAUSE CONSUMER CONFUSION AND HAS RESULTED IN ACTUAL CONSUMER CONFUSION

63. Defendants' actions described above constitute unauthorized use of the NEO4J® Mark in commerce in connection with the distribution, offering, or promotion of its "Neo4j

Enterprise" and ONgDB software is likely to cause consumer confusion. Such actions were made with an intent to deceive consumers, which interferes with Neo4j's ability to differentiate its NEO4J® offerings from those of these unauthorized, third-party compiled offerings.

64. Plaintiffs are informed and believe, and based thereon allege that Defendants actions described above have caused actual consumer confusion. For example, users have expressed uncertainty and confusion over license obligations, as well as encountered compatibility issues resulting from downloading ONgDB:

> Do the terms of use for "neo4j Desktop" apply to the ONGDB server which I downloaded under AGPLv3 license? I read the Desktop terms carefully and they refer everywhere to "neo4j Desktop software". Has anybody encountered this issue? I am feeling really stupid for not thinking this through before downloading the Desktop Software, especially as database authentication keeps failing. Before I spend any more time troubleshooting, could someone indicate any features of Desktop that are really worth it (other than UI)? I am planning production, so the license is important to me.

A true and correct copy of the foregoing post on the Neo4j Online Community is attached hereto as **Exhibit 17**.

65. Plaintiffs are informed and believe, and based thereon allege that consumers that have downloaded ONgDB rather than official NEO4J® software have experienced issues that Plaintiffs would have been able to address for licensed users with authorized support services and/or may not have occurred at all had such users downloaded official NEO4J® Software rather than ONgDB. True and correct copies of printouts from third party websites www.stackoverflow.com and www.xbuba.com illustrating these issues are attached hereto as **Exhibits 18 - 22**.

66. Plaintiffs are informed and believes, and based thereon allege that Defendants continues to extenuate such issues and causes consumer confusion by engaging in the above-described unauthorized use of the NEO4J® Mark and making the foregoing false and misleading statements in connection with the distribution, offering, and promotion of its "Neo4j Enterprise" and ONgDB software.

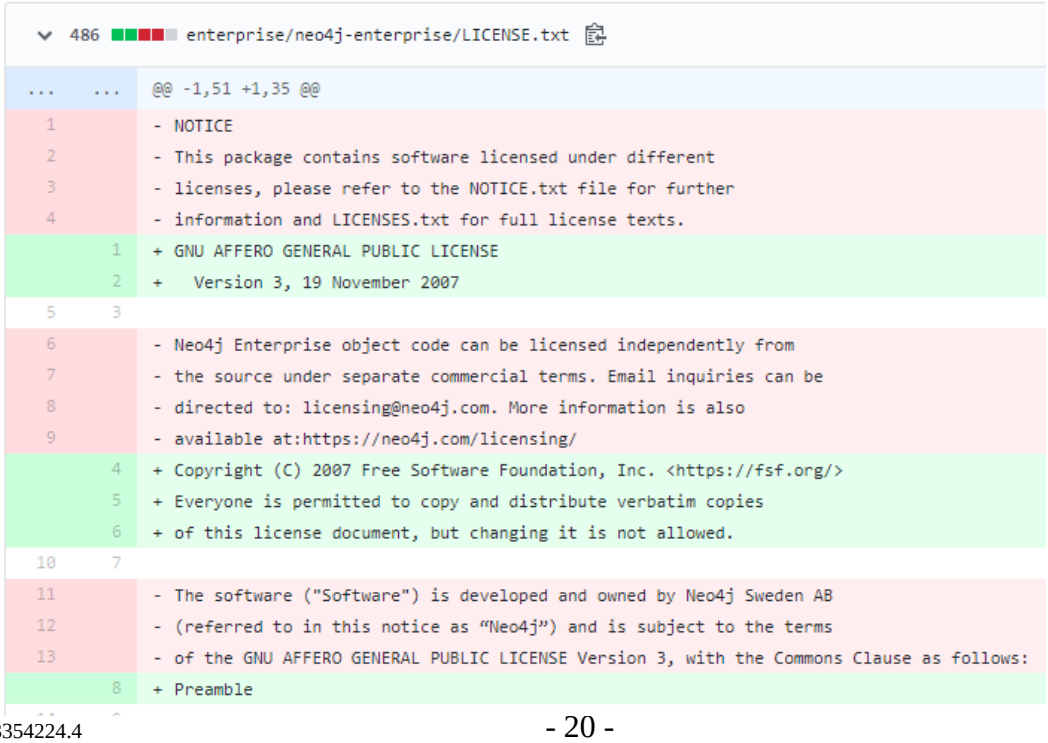
67. Neo4j USA is informed and believes, and based thereon alleges that Suhy was the

moving, active conscious force behind the foregoing acts of infringement and false advertising by iGov and PureThink. Suhy either personally took part in the foregoing infringing activities or specifically directed, controlled, ratified PureThink and iGov's employees to engage in such infringing activities.

DEFENDANT SUHY'S VIOLATIONS OF THE DMCA

68. Plaintiffs include copyright management information in each electronic source code file for NEO4J® EE, including information identifying Neo4j Sweden as the owner of the copyright and the terms and conditions for the use of these copyrighted works.

69. Plaintiffs are informed and believe, and based thereon that Suhy copied these NEO4j EE source code files and their associated license.txt files, and removed (a) the existing APGLv3 with Commons Clause; (b) copyright owner information; and (c) other terms and conditions for the use of the copyrighted source code files from at least 28 separate files from NEO4j® EE. Suhy replaced it with the APGLv3 thereby removing the additional copyright restrictions imposed by the Commons Clause, and republished these source code files on Graph Foundation's Github repository for ONgDB. The following is an example of the changes (deletions in red, additions in green) Suhy made an NEO4J® EE file entitled "enterprise/neo4j-enterprise/License.txt":



486 enterprise/neo4j-enterprise/LICENSE.txt

```
@@ -1,51 +1,35 @@
- NOTICE
- This package contains software licensed under different
- licenses, please refer to the NOTICE.txt file for further
- information and LICENSES.txt for full license texts.
+ GNU AFFERO GENERAL PUBLIC LICENSE
+   Version 3, 19 November 2007

- Neo4j Enterprise object code can be licensed independently from
- the source under separate commercial terms. Email inquiries can be
- directed to: licensing@neo4j.com. More information is also
- available at:https://neo4j.com/licensing/
+ Copyright (C) 2007 Free Software Foundation, Inc. <https://fsf.org/>
+ Everyone is permitted to copy and distribute verbatim copies
+ of this license document, but changing it is not allowed.

- The software ("Software") is developed and owned by Neo4j Sweden AB
- (referred to in this notice as "Neo4j") and is subject to the terms
- of the GNU AFFERO GENERAL PUBLIC LICENSE Version 3, with the Commons Clause as follows:
+ Preamble
```

Suhy made virtually identical changes to the other 27 files. A true and correct print out of the listing of these source code files on Graph Foundation's Github repository for ONgDB is attached hereto as **Exhibit 23**.

DEFENDANTS' OTHER MISCONDUCT

70. Between 2015 and 2018, employees of Neo4j USA engaged in numerous telephone, cellular and VOIP communications with Suhy, via Skype and/or GoToMeeting via his accounts at jmsuhy@purethink.com. These calls related to the Parties' business activities.

71. In the fall of 2016, Suhy informed Neo4j USA's Director of Global Alliances (who resides in California) that Suhy had recorded prior telephone conversations with him and other employees of Neo4j USA. He then demanded that Suhy immediately cease recording the conversation and confirmed that Suhy and PureThink did not have permission to record that conversation or any other conversation with Neo4j USA's employees.

72. In or about February 7, 2018, Suhy admitted in an email exchange with Neo4j USA's Vice President of Products that he recorded multiple calls with Neo4j USA's Director of Global Alliances and Neo4j USA's federal sales representative.

73. On or about May 25, 2018, approximately mid-way through a 28-minute cellular phone call, Suhy informed Neo4j USA's Vice President of Products that he was recording that call, as well as had recorded all of Suhy's prior conversations with him "as a matter of course." Neither Neo4j USA's Vice President of Products nor any other employee of Neo4j USA consented to the recording of the aforementioned communications.

FIRST CAUSE OF ACTION

TRADEMARK INFRINGEMENT – 15 U.S.C. § 1114

(By Neo4j USA Against All Defendants)

74. Neo4j USA incorporates and realleges the allegations set forth in paragraphs 1 through 73 of this Complaint as though fully set forth herein.

75. Neo4j USA has been actively using the NEO4J® Mark in interstate commerce since at least as early as 2007. Neo4j USA's graph database solutions and software and related supported services offered under the NEO4J® Mark has enjoyed and continues to enjoy extensive

recognition among customers, reviewers and industry professionals in the marketplace.

76. Neo4j USA currently offers, and has a long and established history of offering graph database solutions and software and related services, both directly and through authorized Neo4j® Solution Partners under the distinctive NEO4J® Mark. Through favorable acceptance and recognition by customers, reviewers and industry professionals, the NEO4J® Mark has come to be associated in the public with Neo4j USA, have become an asset of substantial value to Neo4j USA, and a symbol of its high quality, industry leading graph database solutions and software and related services, as garnered substantial goodwill.

77. Neo4j USA's graph database solutions and software and related services offered under the NEO4J® Mark are advertised via print publications, over the Internet through Neo4j USA's website and through third-party websites and blogs, paid advertising on LinkedIn, Twitter, Facebook, and elsewhere, as well as via mobile applications and publications, physical billboards, and signage at both company-branded and third-party events.

78. Neo4j USA has expended considerable time, money and effort in advertising and promoting its graph database solutions and software and related support services under the NEO4J® Mark among consumers and authorized Neo4j® Solution Partners. Consequently, Neo4j USA has developed substantial and exclusive goodwill and reputation in connection with the NEO4J® Mark for its graph database solutions and software and related support services.

79. As a result of these expenditures, combined with substantial sales of Neo4j USA's graph database solutions and software and related support services under the NEO4J® Mark, the relevant consuming public and likely customers have come to recognize the NEO4J® Mark as favorably distinguishing Neo4j USA's graph database solutions and software and related support services from those of its competitors.

80. Due to this widespread public use and recognition, the NEO4J® Mark has become an asset of significant value and goodwill, and a successful indicator of the source of Neo4j USA's graph database solutions and software and related support services.

81. Defendants' software and related support services directly compete with Neo4j USA's graph database solutions and software and related support services offered and sold under

Neo4j USA's NEO4J® Mark. The customers and users, and potential users and consumers of Neo4j USA's graph database solutions and software and related support services offered and sold under Neo4j USA's NEO4J® Mark are identical to the user and customers and potential users and customers of the graph database solutions and software and related support services offered by Defendants.

82. Defendants have had and have actual knowledge of Neo4j USA's rights in the NEO4J® Mark and are willfully infringing and intentionally adopted and used this mark in commerce without Neo4j USA's consent in connection with the sale, offering for sale, distribution and advertising of competing graph database solutions and software and related support services. The software and related support services promoted by Defendants have been disseminated and distributed through various means including, without limitation, sales and solicitations through PureThink, iGov and GraphStack's Internet interactive websites and other third party websites, including within this District.

83. Defendants' willful, intentional and unauthorized use of the NEO4J® Mark in conjunction with the sale and advertising of Defendants and third parties' unauthorized database solutions and software and related support services is likely to cause and is causing confusion, mistake, and deception as to the origin and quality of Neo4j USA's graph database solutions and software and related support services.

84. Defendants' activities constitute willful trademark infringement under Section 32 of the Lanham Act, 15 U.S.C. § 1114.

85. The injuries and damages sustained by Neo4j USA have been directly and proximately caused by Defendants' wrongful sale, offering for sale, distribution, or advertising of Defendants and third parties' software products and services in conjunction with their unauthorized use of the NEO4J® Mark. Specifically, Neo4j USA has been damaged in an amount according to proof at trial, but in no event less than approximately $3.1 million, plus interest thereon under applicable law.

86. As iGov and Suhy's acts are likely to continue, the award of money damages alone will not adequately compensate Neo4j USA. By their unauthorized use of the NEO4J® Mark and

refusal to cease such use, Defendants have caused, and will continue to cause irreparable harm, damages and injury to Neo4j USA. Neo4j USA's injuries will continue unless restrained by order of this Court. Accordingly, Neo4j USA is entitled to preliminary and permanent injunctive relief.

SECOND CAUSE OF ACTION

FALSE DESIGNATION OF ORIGIN AND FALSE ADVERTISING – 15 U.S.C. § 1125(a)

(By Neo4j USA Against All Defendants)

87. Neo4j USA incorporates and realleges the allegations set forth in paragraphs 1 through 86 of this Complaint as though fully set forth herein.

88. Defendants' actions constitute a false designation of origin and false advertising under 15 U.S.C. § 1125(a), which is likely to cause confusion, mistake or to deceive and has confused and deceived consumers into believing that Defendants' goods and services are affiliated with, sponsored by, or somehow connected with Neo4j USA and/or Neo4j USA's NEO4J® Mark, and, as a consequence, are likely to divert customers away from Neo4j USA and/or its authorized NEO4J® Solution Partners.

89. Defendants' unlawful activities reflect adversely on Neo4j USA because it has no control over the nature and quality of the services and products advertised and sold by iGov, and as the believed source of origin, Neo4j USA's efforts to continue to protect its reputation for high quality graph database solutions and software and related support services sold under the NEO4J® Mark will be hampered, resulting in the loss of goodwill and sales, to the irreparable harm of Neo4j USA.

90. Further, any failure, neglect, or default by Defendants in using the NEO4J® Mark in offering its and third parties' unauthorized software products will continue to reflect adversely on Neo4j USA as the believed source of origin thereof, hampering efforts by Neo4j USA to continue to protect its outstanding reputation for high quality graph database solutions and software and software-related services, resulting in loss of customers and partners, as well as the loss of goodwill and sales, all to the irreparable harm of Neo4j USA.

91. The actions of Defendants as alleged herein constitute intentional, willful, knowing and deliberate false designation of origin and false advertising pursuant to 15 U.S.C. §

1125(a).

92. Defendants' willful, intentional and unauthorized use of the NEO4J® Mark is likely to cause and is causing confusion, mistake, and deception as to the origin and quality of Defendants' software products and software-related services.

93. The injuries and damages sustained by Neo4j USA have been directly and proximately caused by Defendants' wrongful and misleading sale, offering for sale, distribution, or advertising of Defendants and third parties' unauthorized software products and software-related services. Specifically, Neo4j USA has been damaged in an amount according to proof at trial, but in no event less than the approximate amount of approximately $3.1 million, plus interest thereon under applicable law.

94. As Defendants' acts are likely to continue, the award of money damages alone will not adequately compensate Neo4j USA. By their false designation of origin and false advertising, and refusal to cease the use of the NEO4J® Mark, Defendants have caused, and will continue to cause irreparable harm, damages and injury to Neo4j USA. Neo4j USA's injuries will continue unless restrained by order of this Court. Accordingly, Neo4j USA is entitled to preliminary and permanent injunctive relief.

THIRD CAUSE OF ACTION

UNFAIR COMPETITION – 15 U.S.C. § 1125(a)

(By Neo4j USA Against All Defendants)

95. Neo4j USA incorporates and realleges the allegations set forth in paragraphs 1 through 94 of this complaint as though fully set forth herein.

96. Defendants' conduct described and alleged in this complaint constitutes unfair competition and fraudulent business practices in violation of 15 U.S.C. § 1125. Defendants are deliberately, intentionally and unlawfully exploiting the NEO4J® Mark and consumer goodwill for their benefit.

97. Defendants' use of the NEO4J® Mark in conjunction with their business constitutes the use of a word, term, name, or any combination thereof, that is likely to cause confusion, mistake, or deception as to the affiliation, connection, origin, sponsorship, approval

and/or association of Defendants and their software products and software-related services with Neo4j USA, within the meaning of 15 U.S.C. § 1125(a)(1).

98. In addition, Defendants' use of the NEO4J® Mark constitutes a commercial use that causes actual and/or likely dilution of the distinctive quality of the NEO4J® Mark by lessening the capacity of the NEO4J® Mark to identify Neo4j USA and distinguish its software products and software-related services. Defendants knowingly traded on Neo4j USA's reputation after the NEO4J® Mark had become well known.

99. As a direct and proximate result of Defendants' acts and misconduct, Neo4j USA is informed and believes, and thereon alleges, that customers and prospective customers have been confused and misled, deceived and mistaken as to the source or sponsorship of Defendants and third parties' unauthorized software products and software-related services, and have been deterred from purchasing Neo4j USA's graph database solutions and software and related support services, in disruption of Neo4j USA's business activities.

100. Neo4j USA has therefore been damaged and is likely to suffer further damage in an amount to be proven at trial, but in excess of the minimum jurisdiction of this Court. In particular, Neo4j USA is entitled to, without limitation, damages for its loss of sales and goodwill, as well as recovery of any and all profit derived by Defendants through their wrongful acts in an amount according to proof at trial, but in no event less than the approximate amount of $3.1 million, plus interest thereon under applicable law.

101. As Defendants' wrongful acts are likely to continue, the award of money damages alone will not adequately compensate Neo4j USA. By their use of the NEO4J® Mark, Defendants have caused, and will continue to cause irreparable harm, damages and injury to Neo4j USA. Neo4j USA's injuries will continue unless restrained by order of this Court. Accordingly, Neo4j USA is entitled to preliminary and permanent injunctive relief.

FOURTH CAUSE OF ACTION

UNFAIR COMPETITION – Cal. Bus. Prof. Code §§ 17200 et seq.

(By Neo4j USA Against All Defendants')

102. Neo4j USA incorporates and realleges the allegations set forth in paragraphs 1

through 101 of this complaint as though fully set forth herein.

103. Neo4j USA is informed and believes, and thereon alleges, that Defendants' conduct business within California, including, without limitation, the advertising and distribution of Defendants and third parties' unauthorized software products and services through its headquarters and over iGov's interactive internet website.

104. Defendants' and third parties' unauthorized software products conduct described and alleged in this Complaint constitutes unfair, unlawful, and fraudulent business practices in violation of California Business & Professions Code §§ 17200 et seq.

105. Defendants' knew or reasonably should have known that use of NEO4J® Mark deceives and/or confuses customers into believing that Defendants and third parties' unauthorized software products and software related services are produced, endorsed, affiliated and/or associated with Neo4j USA.

106. Neo4j USA is informed and believes, and thereon alleges, that Defendants' misuse of the NEO4J® Mark was an intentional and deliberate attempt to trade on the Neo4j USA's goodwill.

107. As a direct and proximate result of Defendants' wrongful acts, Neo4j USA is informed and believes, and thereon alleges, that customers and prospective customers have been confused and misled, deceived and mistaken as to the source or sponsorship of Defendants and third parties' unauthorized software products and services, and have been deterred from purchasing and/or using Neo4j USA's NEO4J® software and services, in disruption of Neo4j USA's business activities. Neo4j USA has therefore been damaged and is likely to suffer further damage in an amount to be proven at trial, and is entitled to the remedies available under Business and Professions Code § 17200 et seq., including but not limited to injunctive relief and restoration of money or property acquired by means of Defendants' wrongful acts.

FIFTH CAUSE OF ACTION

BREACH OF CONTRACT

(By Neo4j USA Against Defendant PureThink LLC and iGov Inc.)

108. Neo4j USA incorporates and realleges the allegations set forth in paragraphs 1

through 81 of this complaint as though fully set forth herein.

109. The Partner Agreement constitutes a valid and enforceable contract between Neo4j USA and PureThink.

110. Under Section 4.1 of the Partner Agreement, Neo4j USA provided PureThink with a non-exclusive, non-transferable limited license during the term of the Partner Agreement to, *inter alia*, use the NEO4J® Mark solely to market and promote Neo4j USAs' products.

111. Section 7.3 of the Partner Agreement further provided that all rights and licenses to Neo4j USA's software products and the NEO4J® Mark would terminate upon the expiration or termination of the Partner Agreement, and upon such an event, PureThink agreed to "cease all communications with End Users regarding the Products" and "cease using any trademarks, service marks and other designations of Neo4j USAs" including the NEO4J® Mark.

112. Under Section 4.3.2 of the Partner Agreement, PureThink further agreed and understood that for a period of 36 months after termination of the Partner Agreement, it would not "develop, market, distribute or offer any services related to any [NEO4J®] Community Edition Products, derivative works of such products, or any [PureThink] software code made to work with [NEO4J®] Community Edition Products (including, without limitation, hosting services, training, technical support, configuration and customization services, etc.)."

113. The foregoing provisions were intended and necessary to protect Neo4j USA's legitimate business interests in its goodwill and intellectual property and survived termination pursuant to Section 7.4 of the Partner Agreement. Therefore, PureThink and its successors and assigns continue to be bound by such restrictions.

114. Neo4j USA is informed and believed, and based thereon alleges that iGov is bound by the aforementioned restrictions as PureThink's successor-in-interest, assign, acquirer of substantially all of PureThink's assets as contemplated by Section 10 of the Partner Agreement and/or as PureThink's alter ego.

115. Neo4j USA has performed every promise and condition required to be performed by it pursuant to the Partner Agreement except any which were or would be excused or prevented by the breaches of PureThink and iGov as set forth herein.

116. PureThink and iGov have willfully and with conscious disregard for the contractual obligations owed to Neo4j USA breached the Partner Agreement by (a) their unauthorized use of the NEO4J® Mark in conjunction with the sale and advertising of graph database solutions and software and related support services; (b) deceptively offering support and development services related to NEO4J® Community Edition Products and derivative works of such products; and (c) developing, marketing, and distributing software code made to work with NEO4J® Community Edition Products. Their breaches of the Partner Agreement also include falsely suggesting Neo4j USA's authorization and/or sponsorship of PureThink and iGov's products and services, as well as misleading consumers regarding their prior contributions to NEO4J®-branded products.

117. The misconduct and breaches alleged above also constitute violations of the covenant of good faith and fair dealing implied in the Partner Agreement, because those activities injured and frustrated the right of Neo4j USA to the benefits of the Partner Agreement.

118. As a direct and proximate result of PureThink and iGov's breaches of contract, Neo4j USA has been damaged in an amount according to proof at trial, but in no event less than the approximate amount of $3.1 million, plus interest thereon under applicable law.

119. As a direct and proximate result of PureThink and iGov's breaches of contract, Neo4j USAs has suffered irreparable injury and harm and will continue to suffer such injury and harm unless and until PureThink and iGov are enjoined from further misuse and infringement of the NEO4J® Mark.

120. PureThink and iGov have derived, received, and will continue to derive and receive from the aforementioned breaches of contract, gains, profits and advantages, many of which are not presently known to Neo4j USA. Unless restrained and enjoined by the Court, PureThink and iGov will continue to breach the Partner Agreement. PureThink and iGov is therefore entitled to injunctive relief or specific performance, as well as damages as provided by law and the Partner Agreement.

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SIXTH CAUSE OF ACTION

INVASION OF PRIVACY – CAL. PENAL CODE §§ 632, 637.2

(By Neo4j USA Against PureThink LLC and John Mark Suhy)

121. Neo4j USA incorporates and realleges the allegations set forth in paragraphs 1 through 120 of this complaint as though fully set forth herein.

122. Unbeknownst to Neo4j USA and its employees, between 2015 and 2018, PureThink and Suhy intentionally recorded their conversations and audible communications transmitted over various electronic and telephonic devices with employees of Neo4j USA by using an electronic device. Neo4j USA's employees utilized cellular devices to communicate with PureThink and Suhy for one or more of these communications.

123. Neo4j USA and its employees were located and/or resided in California at the time that these communications occurred.

124. These communications related sensitive aspects of the Neo4j USA's business, including confidential customer information, private financial information, and other confidential business information. Neo4j USA and its employees thus had a reasonable expectation that these communications were not being recorded by PureThink and Suhy.

125. At no time did Neo4j USA or its employees consent to the recording of any of their communications with PureThink and Suhy. Rather, in the Fall of 2016, Neo4j USA instructed PureThink and Suhy not to record any of their calls and confirmed that PureThink and Suhy that did not have permission record any audible communications with Neo4j USA. Notwithstanding these demands, PureThink and Suhy continued to secretly record their calls with Neo4j USA for the next two years without first obtaining Neo4j USA's consent.

126. Neo4j USA is informed and believed, and based thereon on allege that PureThink and Suhy intentionally recording such conversations and audible communications with the intent to disclose those recordings to third parties and/or the general public that would not otherwise be privy to or have a right to listen to such communications.

127. Neo4j USA is informed and believed, and based thereon on allege that PureThink and Suhy intentionally recording such conversations and audible communications with the intent

to cause harm to Neo4j USA.

128. Neo4j USA seeks statutory damages in the amount $5,000 per incident of unauthorized recording as authorized by Cal. Penal Code § 637.2.

129. As PureThink and Suhy's wrongful acts are likely to continue due to their unauthorized possession of the aforementioned recordings, the award of money damages alone will not adequately compensate Neo4j USA. By possessing aforementioned recordings, PureThink and Suhy have caused, and will continue to cause irreparable harm, damages and injury to Neo4j USA. Neo4j USA's injuries will continue unless restrained by order of this Court. Accordingly, Neo4j USA is entitled to preliminary and permanent injunctive relief.

SEVENTH CAUSE OF ACTION

REMOVAL OF COPYRIGHT MANAGEMENT INFORMATION – 17 U.S.C. § 1202(b)

(By Plaintiffs Against John Mark Suhy)

130. Plaintiff incorporates and realleges the allegations set forth in paragraphs 1 through 129 of this complaint as though fully set forth herein.

131. Neo4j Sweden is the exclusive owner of the copyrights associated with all versions of NEO4J® graphing database software, including the versions of NEO4J® EE referenced herein (collectively "NEO4J® Software"). Neo4j Sweden is the exclusive owner of the rights to license, copy or distribute and license the use of copies of the NEO4J® Software.

132. The NEO4J® Software is published and distributed with copyright management information that includes the owner's name, a copyright notice, and a license providing the terms and conditions for the use of these copyrighted works ("NEO4J® CMI"). Each source code file for the NEO4J® Software conspicuous displays the NEO4J® CMI, which is conveyed in connection with each such file and protected under 17 U.S.C. § 1202(b).

133. Suhy intentionally copied source code files for the NEO4J® Software containing NEO4J® CMI, and then intentionally altered and removed NEO4J® CMI, including licensing restrictions, in at least 28 separate source code files for the NEO4J® Software. Suhy publicly distributes these altered source code files as part of the Graph Foundation's ONgDB software on iGov's website and Graph Foundation's Github repository with the intent and knowledge that the

NEO4J® CMI had been intentionally removed therefrom.

134. Suhy intentionally removed the NEO4J® CMI and distributed altered versions of NEO4J® Software with the knowledge that doing so would induce, enable, facilitate, or conceal an infringement of NEO4J Sweden's rights under the Copyright Act.

135. Suhy engaged in these activities without the consent or authorization of Neo4j Sweden.

136. Plaintiffs have been injured as a result of these violations of 17 U.S.C. § 1202(b) and is entitled to injunctive relief, damages, costs, and attorneys' fees. Pursuant to 17 U.S.C. § 1203(c)(3), Neo4j Sweden may also elect to recover statutory damages for not less than $2,500 or more than $25,000 for each violation of 17 U.S.C. § 1202(b).

PRAYER FOR RELIEF

WHEREFORE, Plaintiffs pray for judgment against Defendants as follows:

1. For compensatory damages in an amount to be proven at trial, in amount no less than $3,100,000, and that the amount of damages for infringement of Neo4j USA's NEO4J® Mark be increased by a sum not exceeding three times the amount thereof as provided by 15 U.S.C. § 1117;

2. For an award of all profits heretofore realized by Defendants during their infringing use of the NEO4J® Mark pursuant to 15 U.S.C. § 1117 and other applicable laws and statutes;

3. For reasonably attorneys' fees and costs pursuant to 15 U.S.C. § 1117 and/or 18 U.S.C. § 2520(b)(3);

4. Compensatory damages according to proof for Defendants' breaches of contract, but in amount no less than $3,100,000;

5. Disgorgement and restitution of Defendants' ill-gotten gains;

6. For a preliminary and permanent injunction restraining Defendant, its officers, agents, servants, employees, attorneys, confederates, and all persons acting for, with, by through, under, or in active concert with them temporarily, preliminarily, and permanently enjoined and restrained from use of the NEO4J® Mark;

7. For injunctive relief, costs, and attorneys' fees pursuant to 17 U.S.C. § 1203(b);

8. For actual damages, or in the alternative statutory damages for not less than $2,500 or more than $25,000 for each violation of 17 U.S.C. § 1202(b), pursuant to 17 U.S.C. § 1203(c);

9. For interest as allowed by law;

10. For cost of suit herein incurred; and

11. For such other and further relief as this Court may deem proper.

Dated: October 23, 2019

HOPKINS & CARLEY
A Law Corporation

By: */s/ Jeffrey M. Ratinoff*
John V. Picone III
Jeffrey M. Ratinoff
Attorneys for Neo4j USA
NEO4J, INC.

DEMAND FOR JURY TRIAL

Neo4j USA Neo4j, Inc. hereby demands trial by jury for all causes of action presented herein pursuant to Fed. R. Civ. P. 38.

Dated: October 22, 2019

HOPKINS & CARLEY
A Law Corporation

By: */s/ Jeffrey M. Ratinoff*
John V. Picone III
Jeffrey M. Ratinoff
Attorneys for Plaintiffs
NEO4J, INC. AND NEO4J SWEDEN AB

EXHIBIT 1

United States of America
United States Patent and Trademark Office

NEO4J

Reg. No. 4,784,280

Registered Aug. 4, 2015

Int. Cls.: 9, 35, 41, 42 and 45

TRADEMARK

SERVICE MARK

PRINCIPAL REGISTER

NEO TECHNOLOGY (DELAWARE CORPORATION)
111 E. 5TH AVE.
SAN MATEO, CA 94401

FOR: COMPUTER PROGRAMS FOR MANAGING, STORING, AND ACCESSING DATA FROM A DATABASE, ANALYZING DATA IN COMPUTER DATABASES FOR BUSINESS PURPOSES, PROCESSING IN THE NATURE OF UPDATING DATA IN COMPUTER DATABASES, AND VISUALIZING IN THE NATURE OF CREATING GRAPHS FROM DATA STORED IN DATABASES; COMPUTER PROGRAMS FOR STORING, MANAGING, AND QUERYING DATA FROM DATABASES ON COMPUTERS, COMPUTER NETWORKS, AND GLOBAL COMPUTER NETWORKS, IN CLASS 9 (U.S. CLS. 21, 23, 26, 36 AND 38).

FIRST USE 6-4-2006; IN COMMERCE 5-28-2007.

FOR: CONSULTING SERVICES AND ADVICE IN THE FIELD OF UPDATING AND MAINTENANCE OF DATA IN COMPUTER DATABASES , IN CLASS 35 (U.S. CLS. 100, 101 AND 102).

FIRST USE 6-4-2006; IN COMMERCE 5-28-2007.

FOR: EDUCATIONAL SERVICES, NAMELY, CONDUCTING TRAINING CLASSES, CERTIFICATION TRAINING, WORKSHOPS, TUTORIAL SESSIONS, AND ONLINE CLASSES IN THE FIELDS OF DESIGNING COMPUTER DATABASES AND UPDATING AND MAINTENANCE OF DATA IN COMPUTER DATABASES, AND DISTRIBUTING COURSE MATERIALS IN CONNECTION THEREWITH; PROVIDING TRAINING SERVICES IN THE FIELDS OF DESIGNING COMPUTER DATABASES AND UPDATING AND MAINTENANCE OF DATA IN COMPUTER DATABASES, AND DISTRIBUTING COURSE MATERIALS IN CONNECTION THEREWITH, IN CLASS 41 (U.S. CLS. 100, 101 AND 107).

FIRST USE 6-4-2006; IN COMMERCE 5-28-2007.

FOR: PROVIDING A WEB SITE FEATURING TECHNOLOGY THAT ENABLES END USERS TO STORE, MANAGE, AND QUERY DATA FROM DATABASES ON COMPUTERS, COMPUTER NETWORKS, AND GLOBAL COMPUTER NETWORKS; CLOUD COMPUTING FEATURING SOFTWARE FOR USE IN MANAGING, STORING, AND ACCESSING DATA FROM A DATABASE, ANALYZING DATA IN COMPUTER DATABASES FOR BUSINESS PURPOSES, PROCESSING IN THE NATURE OF UPDATING DATA IN COMPUTER

Michelle K. Lee

Director of the United States Patent and Trademark Office

Reg. No. 4,784,280 DATABASES, AND VISUALIZING IN THE NATURE OF CREATING GRAPHS FROM DATA STORED IN DATABASES; TECHNICAL SUPPORT SERVICES, NAMELY, INSTALLATION, ADMINISTRATION, AND TROUBLESHOOTING OF DATABASE APPLICATIONS; COMPUTER SERVICES, NAMELY, PROVIDING CONSULTATION SERVICES AND ADVICE IN THE FIELDS OF DESIGNING COMPUTER DATABASES, IN CLASS 42 (U.S. CLS. 100 AND 101).

FIRST USE 6-4-2006; IN COMMERCE 5-28-2007.

FOR: CONSULTING SERVICES AND ADVICE IN THE FIELD OF MAINTAINING THE SECURITY AND INTEGRITY OF DATABASES, IN CLASS 45 (U.S. CLS. 100 AND 101).

FIRST USE 6-4-2006; IN COMMERCE 5-28-2007.

THE MARK CONSISTS OF STANDARD CHARACTERS WITHOUT CLAIM TO ANY PARTICULAR FONT, STYLE, SIZE, OR COLOR.

SER. NO. 86-267,006, FILED 4-30-2014.

SIMON TENG, EXAMINING ATTORNEY

REQUIREMENTS TO MAINTAIN YOUR FEDERAL TRADEMARK REGISTRATION

WARNING: YOUR REGISTRATION WILL BE CANCELLED IF YOU DO NOT FILE THE DOCUMENTS BELOW DURING THE SPECIFIED TIME PERIODS.

Requirements in the First Ten Years*
What and When to File:

First Filing Deadline: You must file a Declaration of Use (or Excusable Nonuse) between the 5th and 6th years after the registration date. *See* 15 U.S.C. §§1058, 1141k. If the declaration is accepted, the registration will continue in force for the remainder of the ten-year period, calculated from the registration date, unless cancelled by an order of the Commissioner for Trademarks or a federal court.

Second Filing Deadline: You must file a Declaration of Use (or Excusable Nonuse) **and** an Application for Renewal between the 9th and 10th years after the registration date.* *See* 15 U.S.C. §1059.

Requirements in Successive Ten-Year Periods*
What and When to File:

You must file a Declaration of Use (or Excusable Nonuse) **and** an Application for Renewal between every 9th and 10th-year period, calculated from the registration date.*

Grace Period Filings*

The above documents will be accepted as timely if filed within six months after the deadlines listed above with the payment of an additional fee.

***ATTENTION MADRID PROTOCOL REGISTRANTS:** The holder of an international registration with an extension of protection to the United States under the Madrid Protocol must timely file the Declarations of Use (or Excusable Nonuse) referenced above directly with the United States Patent and Trademark Office (USPTO). The time periods for filing are based on the U.S. registration date (not the international registration date). The deadlines and grace periods for the Declarations of Use (or Excusable Nonuse) are identical to those for nationally issued registrations. *See* 15 U.S.C. §§1058, 1141k. However, owners of international registrations do not file renewal applications at the USPTO. Instead, the holder must file a renewal of the underlying international registration at the International Bureau of the World Intellectual Property Organization, under Article 7 of the Madrid Protocol, before the expiration of each ten-year term of protection, calculated from the date of the international registration. *See* 15 U.S.C. §1141j. For more information and renewal forms for the international registration, see http://www.wipo.int/madrid/en/.

NOTE: Fees and requirements for maintaining registrations are subject to change. Please check the USPTO website for further information. With the exception of renewal applications for registered extensions of protection, you can file the registration maintenance documents referenced above online at http://www.uspto.gov.

NOTE: A courtesy e-mail reminder of USPTO maintenance filing deadlines will be sent to trademark owners/holders who authorize e-mail communication and maintain a current e-mail address with the USPTO. To ensure that e-mail is authorized and your address is current, please use the Trademark Electronic Application System (TEAS) Correspondence Address and Change of Owner Address Forms available at http://www.uspto.gov.

EXHIBIT 2

Skip to content

Company Support Contact Us

PRODUCTS SOLUTIONS CUSTOMERS PARTNERS RESOURCES DEVELOPERS DOWNLOAD NEO4J

Trademark Guidelines

Legal Notices

Terms
California Privacy Rights
Privacy Policy
Trademark Policy

This document outlines the policy for allowable uses of trademarks owned by Neo4j, Inc. and its subsidiaries ("Neo4j") by other parties.

Neo4j owns all Neo4j-related trademarks, service marks, and logos on behalf of our communities and the names of all Neo4j® projects are trademarks of Neo4j.

The role of trademarks is to provide assurance about the quality of the products or services with which the trademark is associated. Neo4j has established this Policy to encourage others to make accurate, non-confusing use of the Neo4j trademarks, while also ensuring that those trademarks maintain their distinctiveness and strength as reliable indicators of the source and quality of Neo4j products and services. Although some Neo4j projects may be available under free and open licenses, those licenses cover copyright only and do not include any express or implied right to use our trademarks. Neo4j does not allow third parties to use its trademarks without a written agreement or express permission. Thus, Neo4j projects that are available under open source licenses may be copied, modified, or sold by third parties, but they cannot be branded or marketed with Neo4j trademarks in the absence of a trademark license.

While open-source licenses allow modification of copyrighted software and distribution in original or modified form, such distribution could be misleading if distributed under the same name. This could cause confusion among consumers of the software as to source. They may mistakenly believe they are receiving software that is produced or supported by Neo4j. This Policy describes the circumstances under which you may use our trademarks, regardless of the type of license you may have from Neo4j. In this Policy we are not trying to limit the lawful use of our trademarks, but rather describe for you what we consider the parameters of lawful use to be. Trademark law can be ambiguous, so we hope to provide enough clarity for you to understand whether we will consider your use licensed or non-infringing.

Neo4j® software, which is created and/or distributed by Neo4j, is the software in the exact form that it is distributed by Neo4j without modification of any kind. To the extent any authorized modifications are made to the software, such modified software should no longer bear the Neo4j trademarks. The public has a right to know when it is receiving a genuine Neo4j® product that is quality assured by Neo4j.

The sections that follow describe what trademarks are covered by this Policy, as well as uses of the trademarks that are allowed without additional permission from us. Any use that does not comply with this Policy or for which we have not separately provided written permission is not a use that we have approved, so you must decide for yourself whether the use is nevertheless lawful.

Our Commitment to Open Source Principles

We want to encourage and facilitate the use of our open source software by the community, but do so in a way that still ensures that the Neo4j trademarks are meaningful as a source and quality indicator for our software and the associated goods and services and continue to embody the high reputation of the software and the community associated with it. This Policy therefore tries to strike the proper balance between: 1) our need to ensure that our trademarks remain reliable indicators of the qualities that they are meant to preserve and 2) our community members' desire to be full participants in Neo4j® projects.

Trademarks Subject to the Guidelines

Our Trademarks

This Policy covers the following non-exhaustive list of our trademarks:

1. Our word trademarks and service marks (the "Word Marks"):
   Neo4j®
   Cypher®
   Neo4j® Bloom™
   Neo4j® Desktop™
   Neo Technology®



2. Our logos (the "Logos")



3. The unique visual styling of our website and elements used in or otherwise related to the products and services we offer (the "Trade Dress"). See our Style Guide for further information.

This Policy encompasses all trademarks and service marks, whether Word Marks, Logos or Trade Dress, which are collectively referred to as the "Marks." Some Marks may not be registered, but registration is not necessarily required for ownership of trademarks. This Policy covers our Marks whether they are registered or not.

Universal Considerations for All Uses

The following guidelines show proper (and improper) use of Marks. Any use of the Marks must be licensed and comply with these guidelines. Whenever you use one of the Marks, you must always do so in a way that does not mislead anyone, either directly or by omission, about exactly what they are getting and from whom. For example, you cannot say you are distributing the Neo4j® software when you're distributing a modified version

of it, because people would be confused when they are not getting the same features and functionality they would get if they downloaded the software directly from us. You also cannot distribute Neo4j® software using the Marks if you do not have a license from us, because that would imply that your distribution comes from or is supported by Neo4j. You cannot use our Marks on your website in a way that suggests that your website is an official website or that we endorse your website, unless permitted in a written agreement with us. You can, though, say you like the Neo4j® software, say that you participate in the Neo4j® community, or refer to Neo4j® products and services.

This fundamental requirement, that it is always clear to people what they are getting and from whom, is reflected throughout this Policy. It should also serve as your guide if you are not sure about how you are using the Marks.

In addition:
You may not use the Marks in association with the use or distribution of software if you are also not in compliance with the copyright license for the software.

You may not use or register, in whole or in part, the Marks as part of your own trademark, service mark, domain name, company name, trade name, product name or service name.

Provided that you have obtained a license from Neo4j, you can use the Word Marks in book and article titles, and the Logo in illustrations within the document, as long as the use does not suggest that we have published, endorse, or agree with your work.

Trademark law does not allow your use of names or trademarks that are too similar to ours. You therefore may not use an obvious variation of any of our Marks or any phonetic equivalent, foreign language equivalent, takeoff, or abbreviation for a similar or compatible product or service. This includes combinations or integrations of all or portions of the Marks in a way that the public may think of the use as a new mark (e.g. SuperNeo4j, or Neo5k).

You agree that you will not acquire any rights in the Marks and that any goodwill generated by your use of the Marks inures solely to our benefit.

Proper Use of the Marks

These rules hold true for all trademarks, not just ours, so you should follow them for our Marks as well as anyone else's.

Always use the Marks in their Exact Form and Distinguishable from Other Text. Always use the Word Marks in a manner distinguished from surrounding text, with initial capital letters, and in the exact form with the correct spelling (neither abbreviated, hyphenated, or combined with any other word or words).

CORRECT	INCORRECT
Neo4j®	NEO4J Neo-4j neo4j n4j Neo

Use Marks as Proper Adjectives Followed by a Generic Term. Trademarks should be used as adjectives followed by a generic modifier, and not as nouns or verbs. Trademarks are products or services, never actions. Do not use "a" or "the" to refer to an instance of the Marks. For example:

CORRECT	INCORRECT

CORRECT	INCORRECT
The Neo4j® graph platform is widely used in many industries.	Neo4j® is widely used.
I was able to quickly realize graph epiphanies with Neo4j® Bloom™ visualization software.	We use the Neo4j.
I downloaded the Neo4j® database from neo4j.com.	I use Cypher.
Cypher® query language	I load data into and out of Neo4j.

Do Not Use Marks in the Possessive Form. Because trademarks are not nouns, they should not be used in the possessive from. For example:

CORRECT	INCORRECT
The Neo4j® graph database software presents and stores data natively as a graph.	Neo4j's storage presents and stores data natively as a graph.

Do Not Use Marks in the Plural Form. Because trademarks are not nouns, they should not be used in the plural form. For example:

CORRECT	INCORRECT
The Neo4j® platform allows multiple instances of the Neo4j database software to form a single highly-available cluster.	High-availability clustering allows a cluster of instances to be formed using multiple Neo4js.

Do Not Use Marks to Suggest Endorsement by Neo4j.

CORRECT	INCORRECT
	"Open Neo4j"
graph database software	XYZ ENTERPRISE 3.4.9 (FREE AND OPEN UNRESTRICTED NEO4J ENTERPRISE FORK)

Use of Logos

You may not change any Logo except to scale it proportionally. This means you may not add decorative elements, change the colors, change the proportions, distort it, add elements, or combine it with other logos. The logo may only be used displaying the exact colors shown in our Style Guide.

Mark Attribution and Notices

The first or most prominent mention of a Mark on a webpage, document, packaging, or documentation should be accompanied by a symbol indicating whether the mark is a registered trademark ("®") or an unregistered trademark ("™"). Also, if you are using our Marks for uses for which we are granting a separate license, please put following notice at the foot of the page where you have used the Mark (or, if in a book, on the credits page), on any packaging or labeling, and on advertising or marketing materials: "Neo4j is a trademark or registered trademark of Neo4j, Inc. or its subsidiaries in the United States and/or other countries."

Possible Infringement

If you are aware of any confusing use or misuse of the Marks in any way, we would appreciate you bringing this to our attention. Please contact us at webinfo@neo4j.com so that we can investigate it further.

Updates

Neo4j reserves the right to modify or update this Policy at any time. You should review this Policy from time to time so that you will be aware of any modifications or updates as they will apply as soon as they as posted on this page.

Further Information

Neo4j has tried to make this Trademark Policy as comprehensive and understandable as possible. If you have any questions about this Policy, would like to speak with us about the use of our Marks in ways not described in the Policy, or see any abuse of our Marks, please contact us.

Updated April 3, 2019

- *PRODUCTS*
- *SOLUTIONS*
- *PARTNERS*

- *CUSTOMERS*
- *LEARN*
- *DEVELOPERS*

- *Why Graph Databases?*
- *Graph Databases vs RDBMS*
- *What's New in Neo4j*
- *Graphdatabases.com*

- *Company*
- *News*
- *Awards*
- *Careers*
- *Staff*

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are registered trademarks
of Neo4j, Inc.

Contact Us →

US: 1-855-636-4532
Sweden +46 171 480 113
UK: +44 20 3868 3223
France: +33 (0) 8 05 08 03 44
Germany: +49 (0)89 26204 6300

Contact Sales: 1.855.636.4532 Email a graph expert

EXHIBIT 3

DocuSign Envelope ID: BDC97257-6BF7-41BE-81F8-3745ED257574

111 East Fifth Avenue.
San Mateo, CA 94401
(855) 636 - 4532

May 30, 2017

PureThink LLC
4202 Adrienne Dr.
Alexandria, VA 22309
Attn: John Mark Suhy Jr.

To Mr. Suhy:

Re: PureThink LLC's ("PureThink") breach of Neo4j Solution Partner Agreement with Neo Technology, Inc. ("Neo Technology") dated September 30, 2014 ("Agreement")

I am writing on behalf of Neo Technology. As we have discussed and as you know, PureThink is prohibited from using any Neo Technology open source products and from developing, marketing distributing or offering any services related to any Neo Technology open source products as set forth in Section 4.3 of the Agreement. From your own admissions in conversations with both John Broad and Jason Zagalsky, PureThink uses Neo Technology open source products and has distributed and performed services on, and continues to perform services on, Neo Technology open source products for the Internal Revenue Service. PureThink has also stated its intent to market and create a consulting business around Neo Technology open source products.

Thus, the purpose of this letter is to provide PureThink with a formal notification of PureThink's material breach of the Agreement under Section 7.2 of the Agreement. If PureThink fails to cure this breach within thirty (30) days of the date of this letter by both: (i) entering into an order form for the Internal Revenue Service's use of Neo4j software with Neo Technology in the form provided by Neo Technology and paying the applicable fees to Neo Technology, (ii) executing the proposed amendment to the Agreement and (iii) ceasing all use of all Neo Technology open source products and ceasing all marketing, distribution, development and services of or for any Neo Technology open source products to Neo Technology's satisfaction except as expressly set forth in the proposed amendment to the Agreement, then the Agreement is and will be automatically terminated. Such termination will be effective on the thirtieth day after the date of this letter (whether or not Neo Technology provides a subsequent termination notice to PureThink).

If the Agreement terminates as set forth herein, we would like to remind you of your continuing obligations under the Agreement as set forth in Section 7.4 of the Agreement.

Neo Technology further reserves all of its rights and remedies at law and equity under the Agreement and does not waive any rights under the Agreement.

If you have any questions regarding this letter, please contact John Broad at john.broad@neotechnology.com.

Sincerely,

DocuSigned by:
LARS NORDWALL
5E9692264E8643E...

Neo Technology, Inc.

By: LARS NORDWALL

EXHIBIT 4

DocuSign Envelope ID: 28425D4E-82C1-4B72-8577-2E8FAC23ED2B

neo4j
111 East Fifth Avenue
San Mateo, CA 94401
(855) 636 - 4532

July 11, 2017

PureThink LLC
Attn: John Mark Suhy Jr
4202 Adrienne Dr.
Alexandria, VA 22309

To Mr. Suhy:

Re: Termination of Neo4j Solution Partner Agreement between PureThink LLC ("PureThink") and Neo4j, Inc. formerly Neo Technology, Inc. ("Neo ") dated September 30, 2014 ("Agreement") due to PureThink's uncured breach

Neo hereby notifies PureThink that the Agreement is immediately terminated pursuant to Section 7.2 of the Agreement. As you are aware, PureThink failed to timely cure its numerous material breaches set forth in our letter dated May 30, 2017 ("Breach Notice") or to otherwise respond to Neo's attempts to delay termination of the Agreement.

With the termination of the Agreement, Neo would like to remind PureThink of its continuing obligations as set forth in Section 7.4 of the Agreement. Critically, as PureThink's rights and licenses under the Agreement have terminated, PureThink must immediately cease representing that it is an authorized partner or reseller of Neo, including without limitation, ceasing all references to Government Edition of Neo4j, soliciting any current, former, or prospective End Users (including Sandia National Lab, IRS, MPO and FBI), assisting in the procurement or renewal of any of Neo's products, solutions, or services, or providing any procurement support, FISMA services, software development services, or training services to Neo's existing or prospective End Users.

Additionally, as set forth in the Agreement, for thirty six (36) months after the termination of this Agreement, PureThink must not develop, market, distribute or offer any services related to any Neo Technology Community Edition Products (defined in the Agreement as an open source version of a Neo software product, which includes, but is not limited to, GPL v3 licensed Neo4j Community Edition and AGPL v3 licensed Neo4j Enterprise Edition), derivative works of such products, or any PureThink software code made to work with Neo Technology Community Edition Products (including, without limitation, hosting services, training, technical support, configuration and customization services, etc.).

PureThink must also return all Confidential Information in its possession, custody, and control and cease using Neo's trademarks, service marks, and other designations. Neo therefore demands that PureThink immediately cease and desist all uses of, and remove from PureThink's website(s) and marketing materials, Neo's trademarks and tradenames, including, without limitation, Neo4j. PureThink has no rights to use Neo's trademarks or tradenames and continued use of such trademarks and/or tradenames will constitute trademark infringement.

Neo further reserves all of its rights and remedies at law and equity under the Agreement, including without limitation invoking its audit rights under the Agreement. Neo does not waive any rights under the Agreement, and this termination is not intended to and does not affect any prior or other termination rights or notices provided under the Agreement.

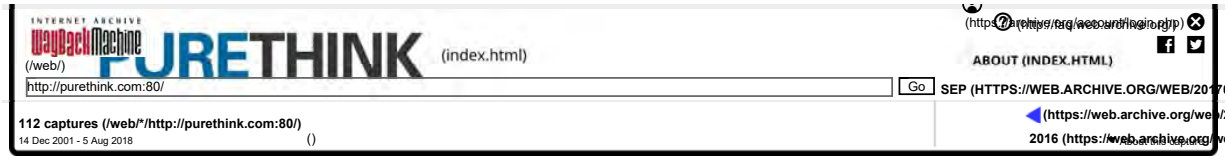
If you have any questions regarding this letter, please contact John Broad at john.broad@neotechnology.com.

Sincerely,

DocuSigned by:
LARS NORDWALL
5E9892354E8643E...

Neo4j, Inc.
By: LARS NORDWALL

EXHIBIT 5



Neo4j Government Edition News

If your agency was planning on procuring Neo4j Government Edition, then please checkout iGov Inc's new **Government Package** for Neo4j (https://web.archive.org/web/20171102094315/https://igovsol.com/neo4j.html).

PureThink, the company who created, managed and sold Neo4j Government Edition to all US Federal agencies has ceased their partnership with Neo Technology and Neo4j Government Edition has been retired.

The principle behind PureThink and the Government Package has created a new corporate entity called **iGov Inc**, which is not a Neo4j Solution Partner. Because iGov Inc is not a solution partner, it can offer packages at great cost savings to US Government Agencies as it has no restrictions on working with Neo4j Enterprise open source licenses!

iGov Inc and the new **Government Package** for Neo4j allows agencies to spend their money on developing innovative solutions around Neo4j, not paying for unnecessary production support before they even have a solution built that could be in production.

iGov Inc's new **Government Package** for Neo4j can be added to any Neo4j instance making it a "Government Edition". By default, all Government Packages for Neo4j now comes with Neo4j Enterprise included under it's open source license!

Learn More about iGov Inc and it's new Government Package for Neo4j (https://web.archive.org/web/20171102094315/ht

WHO WE ARE

PureThink is a software development company established in 2002 and located in Reston, Va. It is part of the Dulles High Tech corridor and Washington, DC Metro area.

DISTINGUISHERS

- Solid past performance in Federal, DOD, and commercial spaces.
- Our management team is comprised of highly experienced technology professionals.
- No off-shoring : Because we focus on the US Government exclusively, our resources are all located in the USA and have the ability to be cleared or already hold clearances.
- Extensive domain knowledge, adaptability, and experience in emerging technologies, methodologies and processes.
- Security focused. All of our software development professionals must go through security training. We were 2011 RSA speakers regarding continuous monitoring and the cloud.
- Our company is well established with over 12 years in business.

General Contact

(703) 348-3968

info@purethink.com
(mailto:info@purethink.com)

1902 Campus Commons Drive
Suite 101 Reston, VA 20191

Customer Support

Toll Free: **+1 (855) 979-7771**

support@purethink.com
(mailto:support@purethink.com)

See our support page (support.html) for more information.

INTERNET ARCHIVE WaybackMachine
(/web/)
http://purethink.com:80/ Go SEP (HTTPS://WEB.ARCHIVE.ORG/WEB/20171
112 captures (/web/*/http://purethink.com:80/)
14 Dec 2001 - 5 Aug 2018
(https://web.archive.org/web/
2018 (https://web.archive.org/w

PHILOSOPHY

To help you succeed, we believe in working closely and cooperatively with our clients. Our goal is to ensure everyone on the same page regarding project status, methods and tasks. Our approach is to develop software according to an Agile methodology which means we emphasize people and interaction rather than complicated processes and endless documentation.

RESULTS

Our mission is to bring the greatest value to our clients by leveraging our considerable depth of resources and experience. We align our approach to the specific business drivers of each business network with whom we tailor solutions to best suit different cultural environments, industries, and market conditions. We focus on business strategy implementation, not business strategy development.

DUNS & CAGE Information

- DUNS: 147591627
- CAGE Code: 5KLU9

NAICS Codes

- 511210 Software Reseller
- 541511 Software Development
- 541512 Systems Integration / CAD / CAM / LAN
- 541519 Software Installation / Disaster Recover
- 611420 Software Training
- 541330 Engineering Services

SIC Codes

- 5045 Computers and Computer Peripheral Equipment and Software
- 7371 Computer Programming Services
- 7372 Prepackaged Software
- 7373 Computer Integrated Systems Design
- 7378 Computer Maintenance and Repair
- 7379 Computer Related Services, Not Elsewhere Classified

About PureThink

PureThink is a software development company established in 2002 and located in Reston, Va. We focus on bringing innovative technologies to US Federal and State government agencies.

CONTACT US
(703) 348-3968
info@purethink.com
(mailto:info@purethink.com)
1902 Campus Commons Drive
Suite 101 Reston, VA 20191

PURETHINK
(index.html)
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EXHIBIT 6

iGov (index.html)

iGov Inc. is a Northern Virginia software development and consulting company focused on building innovative open source solutions for our US government customers. We focus on large scale graph and AI solutions.

March 2019 News: ONgDB Enterprise 3.5.5 is ready for production.

Open Native Graph DB (ONgDB) is a non-restrictive fork of Neo4j, the world's leading Graph Database.

ONgDB (AKA ONgDB Enterprise) 3.5.5 is Neo4j 3.5.5 Core + the enterprise features Neo4j Inc removed from the code base as of v3.5.

All ONgDB and Neo4j Enterprise AGPL distributions can be used in production, in closed source projects, and with no limitations on # of cores or causal cluster instances. ONgDB is a drop in replacement for the Neo4j Community and Enterprise branded distributions.

Neo4j Enterprise Commercial Prices Blog Post (https://blog.igovsol.com/2018/01/10/Neo4j-Commercial-Prices.html)

About iGov

iGov Inc. is a software development company located in the Washington DC Metro area.

We focus on building innovative solutions for US Government agencies using leading open-source technologies.

CONTACT US

(index.html)

to:info@igovsol.com)

7686 Richmond Highway Suite 101-B Alexandria, VA 22306

(index.html)

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EXHIBIT 7

If you've been misled by Neo4j Inc sales people regarding your rights to use Neo4j Enterprise AGPL distributions with no limitations, please contact us. You can also view a few FAQs we have put together for our US Federal clients : Neo4j open source FAQs (downloads.html#neo4j-os-faqs)

Downloads

Below are Open Native Graph Database (ONgDB) Enterprise distributions.

You can access the source code via the Graphfoundation GitHub Site (https://github.com/graphfoundation).

If you want an older Neo4j Enterprise open source distribution not found on the site, please email info@graphstack.io (mailto:info@graphstack.io) and tell us what version you would like. We are happy to package it for you then make it available on this site for everyone to benefit from.

ONGDB ENTERPRISE 3.5.5

Drop in replacement for Neo4j Core and Enterprise 3.5.5. AGPLv3 Open Source License, no limitations on causal cluster instances, cores, or production usage.
May 2019 Neo4j's Release Notes (https://neo4j.com/release-notes/neo4j-3-5-5/) | Neo4j's Whats New Page (https://neo4j.com/whats-new-in-neo4j/)

Mac/Linux	ongdb-enterprise-3.5.5-unix.tar.gz (https://cdn.graphfoundation.org/ongdb/dist/ongdb-enterprise-3.5.5-unix.tar.gz)
Windows 64 bit	ongdb-enterprise-3.5.5-windows.zip (https://cdn.graphfoundation.org/ongdb/dist/ongdb-enterprise-3.5.5-windows.zip)
Windows 32 bit	ongdb-enterprise-3.5.5-windows.zip (https://cdn.graphfoundation.org/ongdb/dist/ongdb-enterprise-3.5.5-windows.zip)

Docker	ONgDB 3.5.5 Enterprise Docker Hub (https://hub.docker.com/r/graphfoundation/ongdb/)

(index.html)

```
docker run \
       --publish=7474:7474 --publish=7687:7687 \
       --volume=$HOME/neo4j/data:/data \
       graphfoundation/ongdb:3.5

Go to:  http://localhost:7474
```

ONGDB ENTERPRISE 3.4.12

AGPLv3 Open Source License, no limitations on causal cluster instances, cores, or production usage.
October 14th, 2018 Neo4j's Release Notes (https://neo4j.com/release-notes/neo4j-3-4-12/) | Neo4j's Whats New Page (https://neo4j.com/whats-new-in-neo4j/)

Mac/Linux	ongdb-enterprise-3.4.12-unix.tar.gz (https://cdn.graphfoundation.org/ongdb/dist/ongdb-enterprise-3.4.12-unix.tar.gz)
Windows 64 bit	ongdb-enterprise-3.4.12-windows.zip (https://cdn.graphfoundation.org/ongdb/dist/ongdb-enterprise-3.4.12-windows.zip)
Windows 32 bit	ongdb-enterprise-3.4.12-windows.zip (https://cdn.graphfoundation.org/ongdb/dist/ongdb-enterprise-3.4.12-windows.zip)
Docker Image	ONgDB 3.4.12 Enterprise Docker Hub (https://hub.docker.com/r/graphfoundation/ongdb/)

```
docker run \
       --publish=7474:7474 --publish=7687:7687 \
       --volume=$HOME/neo4j/data:/data \
       graphfoundation/ongdb:3.4

Go to:  http://localhost:7474
```

Neo4j Enterprise Open Source **F**requently **A**sked

(index.html)

We've gathered together questions we receive from agencies and integrators regarding Neo4j Enterprise Open Source licenses. If you have a question for us, please email us at neo4j@igovsol.com (mailto:neo4j@igovsol.com).

Is Neo4j Enterprise Really Open Source?

YES, Neo4j Enterprise is open source under the AGPLv3 open source license created by the Free software foundation. View License (https://www.gnu.org/licenses/agpl-3.0.en.html). This is the same license used by Mondgo DB and many other open source projects. As long as you follow the open source license terms you are free to use it in any environment, for any purpose you wish. These terms simply ensure custom derivatives of Neo4j Enterprise are also themselves open source. US government agencies are restricted from making closed source software in most situations and do not try to create their own derivative (version) of Neo4j. Instead they use Neo4j as a server in a much larger enterprise architecture stack. AGPLv3 is a no-brainer for US government use cases! It's that simple!

What is the open source license does Neo4j Enterprise use?

Neo4j Enterprise can be used for free under the Free Software Foundation's GNU AFFERO GENERAL PUBLIC LICENSE Version 3 (https://www.gnu.org/licenses/agpl-3.0.en.html).

It is the same license used by many open source tools such as MongoDb. There are no hidden or limiting terms beyond the standard AGPL v3.0 license (AGPLv3). With Neo4j Enterprise under its free open source AGPLv3 license, You simply don't get production email and phone support from Neo4j Inc. You can get a much cheaper support contract through iGov Inc for a fraction of the cost to support your

Where can I download the open source Neo4j Enterprise binaries?

Neo4j removed the open source binaries they compiled from their distribution sites so you can no longer get open source packages from Neo4j Inc. Luckily iGov Inc compiles the binaries from the official Neo4j source code repositories (https://github.com/neo4j).

See our blog post to learn more (https://blog.igovsol.com/2017/11/14/Neo4j-330-is-out-but-where-are-

Where can I get the sourcecode for Neo4j Enterprise?



(index.html)

Neo4j Enterprise source code at the official Neo4j GitHub Repositories

What are the restrictions of AGPLv3 and do I need to worry about them?

There simply are none that we've ever run into.

The AGPL license ensures that if you make a derivative of Neo4j that you must ensure that you release the code of the derivative back to the community. That's it! It does not require you to release the tools, other applications, that connect and use Neo4j.

Can I use Neo4j Enterprise open source licenses in production?

Yes, of course you can. It's 100% free and open source. The standard AGPLv3 open source license simply ensures that Neo4j remains open source and that any custom derivatives of Neo4j should be shared with the community.
If you are ever told by a Neo4j sales person that you can not use Neo4j Enterprise open source license in

Does Neo4j open source license have any other restrictions above the AGPLv3 open source license?

No, Neo4j Enterprise is released only under the standard AGPLv3 open source license that is managed by the free software foundation. View the AGPLv3 License (https://www.gnu.org/licenses/agpl-

What is the difference between Neo4j Enterprise AGPLv3 and Neo4j Enterprise Trial?

Read the Neo4j Enterprise Trial license agreement they ask you to agree to before downloading and you will see the difference. It tries to bind you to restrictive commercial terms. There is no reason you would want to agree to restrictive terms for the Trial download , when you can use Neo4j Enterprise for any environment including Production under the simple AGPLv3 open source license. Instead of downloading a trial - download Neo4j Enterprise from our the Neo4j Inc. distribution site, or from our

Neo4j Enterprise Commercial & Open Source Comparisons

(index.html)

There are no physical differences between Neo4j Enterprise commercial and AGPL open source licenses! Neo4j Enterprise open source licenses have no other limitations beyond the standard GNU AGPL open source license.
The Neo4j Enterprise commercial end user license agreement (EULA) actually adds restrictions preventing you from using Neo4j open source licenses in many circumstances!! Make sure to read it!

License	Neo4j Enterprise open source license	Neo4j Enterprise commercial license
Can use in any environment for any purpose?	**YES**	**YES**
Can I use this with any amount of cores without incurring additional costs?	**YES**	**NO**
Can I create custom derivative versions of Neo4j Enterprise? (Ex: My custom Neo4j Enterprise Edition)	**YES**	**YES**
Does **NOT** require you to open source your systems that simply use Neo4j Enterprise as a component in your system.	**YES** for both *You do **NOT** have to open source your system that uses Neo4j Enterprise as a server as it is intended to be used. You only need to open source custom Neo4j Enterprise derivatives under the open source license and then only under certain distribution conditions.*	

About iGov

iGov Inc. is a software development company located in the Washington DC Metro area.

We focus on building innovative solutions for US Government agencies using leading open-source technologies.

CONTACT US

(index.html)

to:info@igovsol.com)

7686 Richmond Highway Suite 101-B Alexandria, VA 22306

(index.html)

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EXHIBIT 8

iGov (index.html)

Proven past performance and value supporting Neo4j Enterprise open source licensed distributions.

Our team has been providing Neo4j support to US Federal agencies for many years, and we now only offer commercial equivelent support packages for Neo4j Enterprise open source licensed distributions.

Request Procurement Document Package (mailto:neo4j@igovsol.com)

Our team is the same team that created Neo4j Enterprise Government Edition. Further, we are the same team that sold and supported every US Federal Government procurement of Neo4j Enterprise Government Edition up until its retirement in July 2017.

We only focus on only supporting 100% free and open source ONgDB Enterprise (https://www.graphfoundation.org/projects/ongdb/) & Neo4j Enterprise open source licensed distributions. Not only does this cut down on unecessary commercial license costs, the open source licenses do not place any restrictions on the number of cluster instances or cores like the commercial licenses do.

Open source graph packages

Did you know that the Neo4j Enterprise commercial packages available from Neo4j Inc and their partners are essentially support offerings?

Are you aware that, unlike the commercial licensed options, the Neo4j Enterprise open source AGPL license does not place any restrictions on the number of cluster instances and cores?

iGov Inc's open source enterprise packages provide a better value than Neo4j Enterprise commercial support subscriptions because 100% of the cost goes to support and development services, not unecessary and more restrictive commercial licenses.

If you do not need support for your ONgDB Enterprise or Neo4j Enterprise open source licensed

distribution, then simply download ONgDB Enterprise
hfoundation.org/projects/ongdb/) as a drop in replacement for an existing
mmercial licensed distribution of the same version number.

Know your options

It is important to know your options before you make any procurement decisions around Neo4j. The information below provides you with a complete breakdown of the 3 main Neo4j offerings available including the free open source option. Most people are not aware that Neo4j Enterprise Edition is open source like its sibling, Neo4j Community edition. In fact, there is no reason you should be using the community edition. If you've chosen to use Neo4j open source, then you should use the enterprise edition under it's open source license.

The information below should provide you with a clear understanding of your options, so you can choose what's best for your agency.

View our blog post on Neo4j Commercial Prices (https://blog.igovsol.com/2018/01/10/Neo4j-Commercial-Prices.html)

NEO4J INC. COMMERCIAL SUBSCRIPTION **$29K - $1M+**
Commercial packages are those sold by Neo4j solutions partners. You are paying for production support. The commercial license is actually more restrictive than the open source license!
Neo4j Enterprise Software
Available through Neo4j Inc. and all Neo4j Solution Partners
Yearly Subscription. You are paying for production support backed by Neo4j Inc.. If you don't renew your subscription you simply fall back to the Neo4j Enterprise open source license.
Production Email and Phone Support from vendor which is backed by Neo4j Inc.
Commercial License (Most government agencies do not need.)
Cost is based on number of instances and cores. (See below)

IGOV DEVELOPMENT PACKAGES

$25K+

100% of the cost goes into services aimed at building a solution around Neo4j, not unnecessary production support for something not yet built!.

ONgDB Enterprise open source distributions

No annual subscription, you are free to do whatever you want in the future.

Production Email and Phone Support from iGov Inc, but not backed by Neo4j Inc.

ONgDB Enterprise is free and open source. You have all the feature parity of Neo4j Enterprise commercial licenses, but without limits on usage, cluster instances, cores, etc.

No limitations on usage, instances or cores - cost goes 100% to solutions development

FISMA and 508 Toolkit and Services

Suite of Tools, Frameworks, and Starter Projects we use for scalable big data graph projects.

IGOV ENTERPRISE SUPPORT PACKAGES

$1K+

We offer the same support features and SLAs as the Neo4j Enterprise commercial subscriptions offered by Neo4j Inc partners, but for the open source licensed enterprise distributions. This allows us to only charge for support, not an unecessary and more restrictive commercial license.

ONgDB Enterprise open source distributions

No limitations on cluster instances or cores.

ONgDB Enterprise is a drop In replacement for Neo4j Enterprise commercial packages downloaded from Neo4j.com

FISMA and 508 Toolkit and Services

Open source Suite of Tools, Frameworks, and Starter Projects we use for scalable big data Neo4j projects. (See https://graphstack.io)

iGov (index.html)

OPEN SOURCE

FREE

Simply download the appropriate enterprise release version you need and start using it. There are no limitations on cluster instances, cores, etc.

The distributions we package for the federal government and community as a whole are drop in replacements for Neo4j Enterprise commercial packages you download from neo4j.com.

Learn More about Neo4j Enterprise Open Source (downloads.html#neo4j-os-faqs)

DEVELOPMENT PACKAGE OVERVIEW (NEO4J.HTML#NEO4J-DEV-FEATURES)

PRICE COMPARISON (NEO4J.HTML#NEO4J-PRICE-COMPARISON)

PROCUREMENT COMPARISON (NEO4J.HTML#NEO4J-COMPARISON)

WHY IGOV INC? (NEO4J.HTML#PROCUREMENT-INFO)

Development Package Overview

The Government Development Packages are aimed at agencies who need help building a robust and scalable solution around Neo4j. Unlike the commercial production support subscriptions, 100% of the cost goes into consulting services that help you build out your solution.

All iGov Inc packages also include a suite of tools and services which are combined to address critical FISMA and accessibility requirements relating to Neo4j.

Customer Support

iGov Inc provides umbrella support across all the components of your Neo4j solution, including Neo4j itself. For example, a solution using Neo4j Enterprise, Apache Kafka, Elastic Search, and custom micro-service architecture components are all covered under the umbrella support

provided with these packages. The Neo4j commercial support subscriptions only cover Neo4j

UI/UX Development

The development packages include UI and UX design services to assist developing everything from your dashboards and visualization. We ensure all development meets 508(c) requirements. We cover all modern web design frameworks including ReactJS and AngularJS. Furthermore, we provide a toolbox of open source visualization libraries and webapp starter projects to get your project up and running quickly.

You can also add on UI packages such as Linkurious OGMA and Graphlytic Visualization tools and APIs.

Starter Projects and Toolsets

We provide a suite of starter projects (maven and gradle), templates, and tools to get your Neo4j projects off the ground quickly. Our Starters include Docker images, Microservice architecture components (api gateways, service registries, etc), UI and visualization components and more.

Enterprise Architecture Development

Neo4j is usually just one of many components in a common graph solution. Other components include ElasticSearch, Apache Kafka, and other technologies.

Our team brings a wide range of enterprise architecture development expertise to the table. From monolithic to micro-service architectures, our team will help design a solution that best fit's your agency's needs.

GraphGrid Data Platform

GraphGrid Data Platform (GDP) is an enterprise-grade graph data management platform that enables a centralized architecture for running batch, interactive and real-time analytics and data processing applications simultaneously across your connected graph data. Development packages include the tools, and platform components needed to get a robust and scalable ETL pipeline in place.

Newest Libraries and Repositories

The Government Packages for Neo4j include many of the leading technologies which are all covered under the umbrella package support. In many cases, this allows for agencies to start working with new technologies that would have usage restrictions if not part of a vendor supported package such as this. All libraries and repositories are kept on Amazon GovCloud and can be easily accessed once an agency whitelists the servers. Development packages include access to the newest libraries and repositories for the tools we package and support.

GovCloud Development and Continuous Integration Environment

We understand that many agencies have not adopted the newest technologies and best practices
ke modern web application development almost impossible. Our development
(index.html)
de use of GovCloud resources including EC2, S3,Container Services, and more.

Pricing Comparison

Below is a price comparison for a Neo4j Inc. commercial subscription package covering 3 production instances with 8 cores each. (3x8). The Neo4j Inc. commercial package is not a perpetual license, and the commercial EULA limits your use of Neo4j open source licenses in many ways once accepted. Notice that it also has unnecessary production elements which you are paying for as part of the subscription. Neo4j Inc's pricing can be found via a simple GSA Advantage search.

Neo4j Inc. Commercial Subscription (Annual Subscription)

Neo4j Enterprise Bundle – Standard cluster for enterprise applications that are used by more than one department (or by a larger department), or by customer-facing applications.

Neo4j Enterprise Bundle basic configuration includes:

- a. 3 Production Instances (up to 8 Cores per Instance).
- b. 3 Test Instances (no Core limit).
- c. Premium Support: 24 x 7 / 1-hour response time for Severity 1 issues, **email and phone.**
- d. Unlimited number of licensed developers.

Name & Description	**Annual Subscription Price**
Neo4j Enterprise Bundle Base (3 Instances X 8 Cores Each)	$189,188 / yr
Additional Production Capacity (per Core)	+ $6,609 / yr
Disaster Recovery (per Core)	+ $3,305 / yr
Additional Test Instances (per Instance)	+ $4,957 / yr

Name & Description	Annual Subscription Price
(index.html) o to 8 Cores)	+ $52,874 / yr
8-Core pack	+ $52,874 / yr
12-Core pack	+ $79,310 / yr
16-Core pack	+ $105,747 / yr
24-Core pack	+ $158,621 / yr
32-Core pack	+ $211,494 / yr

iGov Inc's Government Development Package with Neo4j Enterprise

Comes with same physical Neo4j Enterprise software. Under open source license there are no limitations on how you use it. You have no limits on environments, number of instances, cores, etc!

Government Bundle for Neo4j Enterprise basic configuration includes:

- a. Unlimited instances with no core limits for any environment! (dev, test, staging, production, etc)
- c. Premium support and development services by iGov Inc. Unlike the Neo4j commercial package, we support your entire architecture not just Neo4j. (Neo4j, ElasticSearch, UI, Micro Services, etc..)
- d. No limitations on number of developers, etc.

$25,000+

100% goes into development.

The minimum development package costs $25,000. For comparison - you can choose the $189,000 Development package option - where $189,000 goes into consulting services at GSA approved rates.

Of course - you can choose how much you want to spend. We simply offer packages that parallel commercial subscription rates to help make procurement easier.

Neo4j Inc. Commercial Support vs iGov Inc. (index.html) evelopment Package Comparison

So what exactly do you get with a Neo4j Inc. commercial subscription? You get the peace of mind knowing Neo4j Inc. is there to assist with production support tickets if the vendor you purchased it from can not solve an issue on their own. This is not very useful when you are in development, using Neo4j for R & D, or do not have a mission critical Neo4j deployment.

	Government Development Package w/ Neo4j Enterprise	**Neo4j Enterprise commercial support subscription**	**Neo4j Enterprise (default open source license)**
Has full Neo4j Enterprise functionality.	**YES**	**YES**	**YES**
Can purchase through Neo4j Inc. or its resellers	**NO** *The Government Packages for Neo4j are only available through iGov Inc.*	**YES**	**NO** *Neo4j partners are forbidden on offering services or support for Neo4j open source licenses.*
Can use in any environment for any purpose?	**YES**	**YES** **Your subscription has limits on number of cores and instances*	**YES**
Comes with consulting services which can be used to build your solution around Neo4j. (Including UI/UX design, ETL implementation, enterprise architecture, and FISMA and 508c services)	**YES** *This is what seperates out the Government Development Package from the commercial support subscription. Support is swapped out with consulting services you can use to build your solution around Neo4j.*	**NO**	**NO**

	Government Development Package w/ Neo4j Enterprise	Neo4j Enterprise commercial support subscription	Neo4j Enterprise (default open source license)
Comes with tools, services and support to address Accessability (508c) and FISMA requirements.	**YES**	**NO**	**NO**
Can I use this with any amount of cores or instances without incurring additional costs?	**YES**	**NO** **The cost of a commercial support subscription is based on the cores and instances you use.*	**YES**
Can I create custom derivative versions of Neo4j Enterprise? (Ex: My custom Neo4j Enterprise Edition)	**YES**	**YES**	**YES**
Does Neo4j Inc. provide official email and phone production support?	**No*** *Development packages do not need production support, they swap out production support for consulting services you use to build your solution.*	**YES**	**NO**
Does **NOT** require you to open source your systems that simply use Neo4j Enterprise as a component in your system.	**YES** for all *You do **NOT** have to open source your system that uses Neo4j Enterprise as a server as it's intended to be used. You only need to open source custom Neo4j Enterprise derivatives under the open source license and then only under certain distribution conditions.*		

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About iGov

iGov Inc. is a software development company located in the Washington DC Metro area.

We focus on building innovative solutions for US Government agencies using leading open-source technologies.

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EXHIBIT 9

(https://blog.igovsol.com) November 14, 2017 (/) 10 min read

Neo4j 3.3.0 is out, but where are the open source enterprise binaries?

Neo4j Enterprise is still open source under it's AGPLv3 license (https://www.gnu.org/licenses/agpl-3.0.en.html). However you may have noticed that you can no longer build the enterprise package binary from the source code or download the enterprise package binary with it's free AGPLv3 license (https://www.gnu.org/licenses/agpl-3.0.en.html) from dist.neo4j.org. Furthermore, if you use docker, you must now accept a 'commercial agreement' before proceeding (https://github.com/neo4j/docker-neo4j-publish/commit/aa31654ee8544cd544b369d2646cf372086f7b70). In other words, official Neo4j docker images are no longer packaged with the free AGPLv3 (https://www.gnu.org/licenses/agpl-3.0.en.html) licensed binaries.

Neo4j Enterprise 'binaries' are simply the compiled and packaged Neo4j distributions you download and run on your computer, server, container, etc.

For the 3.3.0 release the enterprise binary package file names would be neo4j-enterprise-3.3.0-unix.tar.gz (https://dist.igovsol.com/neo4j-enterprise-3.3.0-unix.tar.gz) for the linux package and neo4j-enterprise-3.3.0-windows.zip (https://dist.igovsol.com/neo4j-enterprise-3.3.0-windows.zip) for the windows package. (The links above point to the binaries iGov Inc compiled and packaged using the source code found at the Neo4j Github repository. By default it is packaged with the AGPLv3 license (https://www.gnu.org/licenses/agpl-3.0.en.html).)

Why has Neo4j Inc made it harder to access the open source enterprise binaries?

If they are going to take the trouble to make Neo4j Enterprise more inaccessible to the public, why not just take Neo4j closed source before releasing 3.3.0?

Only Neo4j Inc can answer these questions, and I feel they owe an explanation to the open source community which has made Neo4j what it is today.

With ambitions of an IPO, it would be an extremely risky maneuver to attempt taking Neo4j closed source. It could backfire and be disastrous if the community revolted and creates a more successful Neo4j fork. Even the perceived threat of this sort of behavior could trigger a revolt and fork.

As a reference, look no further than MySQL and MariaDB (https://mariadb.org/about/) , the more popular fork of MySQL, and you can see what could happen (https://www.zdnet.com/article/open-source-mariadb-a-mysql-fork-challenges-oracle/).

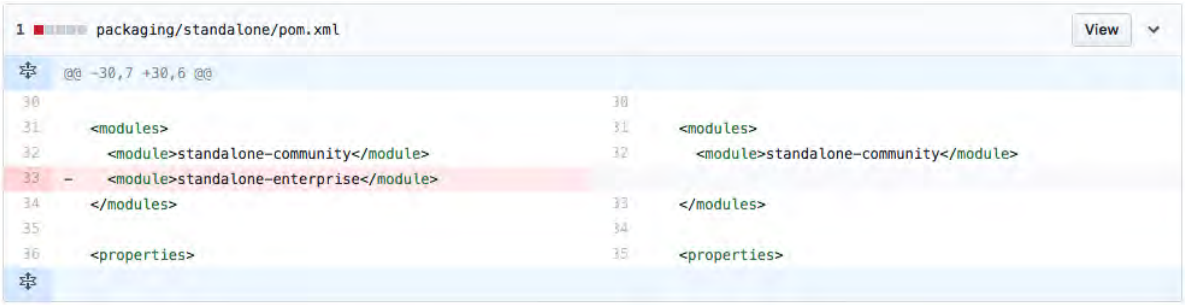
It looks like Neo4j Inc does not want to tempt fate with a closed source move just yet. Instead another path was taken which makes it very hard to get ahold of the enterprise packaged binaries with the free AGPLv3 license (https://www.gnu.org/licenses/agpl-3.0.en.html). As a passionate advocate of both open source software and Neo4j, this does not sit well with me.

Federal agencies have already invested in the adoption and use of Neo4j Enterprise and many are using it's free AGPLv3 license (https://www.gnu.org/licenses/agpl-3.0.en.html). Luckily, iGov Inc builds the Neo4j binaries from the source code and makes it available via a distribution site we setup (https://igovsol.com/downloads.html).

Back to the core of this post. So what has Neo4j Inc done to limit your access to Neo4j Enterprise binaries packaged with the free open source AGPLv3 license (https://www.gnu.org/licenses/agpl-3.0.en.html)?

Action 1: The enterprise packaging build instructions were removed from the code base (https://github.com/neo4j/neo4j/commit/affe1a0b4ab47c9d4673bfa507868ccd03c48ddd). Until the 3.3.0 release, anyone could have checked out the Neo4j source code from github (https://github.com/neo4j/neo4j), and run a few simple commands to build the Neo4j Enterprise binaries complete with the AGPLv3 license (https://www.gnu.org/licenses/agpl-3.0.en.html). That's not the case anymore. If you run the build commands on the 3.3.0 branch you will notice that only the Neo4j Community Edition binary is present after the build process completes. Who really uses Neo4j Community Edition once they realized Neo4j Enterprise edition is also free?

The packaging system simply provides the instructions on how to 'build' the Neo4j Enterprise distribution binary, much like the instructions you get with furniture purchased at IKEA. All the artifacts that are used to build the Neo4j Enterprise binary are all open source, but the instructions explaining how to put together these artifacts have disappeared.



Action 2: Neo4j Inc slipped a commercial license into the official binaries found on their distribution site that is used for docker images. Until now, if you wanted to download the Neo4j Enterprise binary from Neo4j Inc directly, you could have done so using the distribution site which is publically available. It just isn't advertised for obvious reasons.

Those who were using the official docker images or downloading the enterprise binary directly from dist.neo4j.org were in for a surprise when they were forced to accept commercial terms in order to access the distributions.

Want to see for yourself - download the Neo4j Enterprise binary (http://dist.neo4j.org/neo4j-enterprise-3.3.0-unix.tar.gz) which Neo4j Inc packages and take a look at the LICENSE.txt file.

Instead of the standard AGPLv3 license (https://www.gnu.org/licenses/agpl-3.0.en.html) which used to be there, the LICENSE.txt file now says:

```
Network Engine for Objects in Lund AB. 2017.
All Rights Reserved. Use of this Software without
a proper commercial license with Neo4j, Inc. or its affiliates
is prohibited.
```

As copyright holders, Neo4j Inc has the right to add any license they want for the binary distributions they build, package, and make available for download themselves. If anyone else packages the enterprise binary distribution like we do, you must simply make sure the LICENSE.txt file is the AGPLv3 license (https://www.gnu.org/licenses/agpl-3.0.en.html). That is exactly what we do.

Action 3: Neo4j Inc kept causal cluster communication encryption (Intra-cluster encryption) off by default. They then created a 'proprietary module' that turns it on.

Of course you can get intra-cluster encryption turned back on by purchasing a costly commercial package.

This move was referenced in the 3.3.0 release changelog (https://neo4j.com/release-notes/neo4j-3-3-0/). They justified this change with the following blurb:

```
Neo4j Enterprise Edition binaries now include new proprietary
add-ons. Intra-cluster encryption is the first of these.
Consequently Neo4j Enterprise Edition can no longer be
distributed under a dual license but the source is still
available under AGPLv3.
```

Of course Neo4j Enterprise can still be distributed under the AGPLv3 license (https://www.gnu.org/licenses/agpl-3.0.en.html). Simply provide a binary download without the 'proprietary add-ons' that turn on intra-cluster encryption. The Neo4j Enterprise binaries we make available to the public are proof that this can be done.

I believe that security critical components of Neo4j should remain open source, security by obscurity has proven not to be a good strategy in the past. Currently, the security components of Neo4j Enterprise are still open source. In the case of intra-cluster encryption (causal clustering) - it is just not initialized.

Right now the only difference between the paid Neo4j Enterprise (commercial) binary and Neo4j Enterprise (open source) binary (we compile from source) is that intra-cluster encryption is still off by default in the AGPLv3 version.

We turn it back on for our federal customers via a new component in our FISMA framework, which will be available on github for everyone to use soon.

How many of you are actually using causal clustering in production? Well - if you upgrade to 3.3.0 and don't turn it back on yourself , you may be a little less secure assuming you aren't using encrypted tunnels / vpn, etc between your cluster nodes.

Look for yourself:

3.2 release code (https://github.com/neo4j/neo4j/blob/3.2/enterprise/causal-clustering/src/main/java/org/neo4j/causalclustering/discovery/HazelcastClientConnector.java) : The sslPolicy initialized in the code.

```
HazelcastClientConnector( Config config, LogProvider logProvider, SslPolicy sslPolicy,
            HostnameResolver hostnameResolver )
    {
        this.config = config;
        this.logProvider = logProvider;
        this.sslPolicy = sslPolicy;
        this.hostnameResolver = hostnameResolver;
    }
```

3.3 release code (https://github.com/neo4j/neo4j/blob/3.3/enterprise/causal-clustering/src/main/java/org/neo4j/causalclustering/discovery/HazelcastClientConnector.java) : The sslPolicy initialization has disappeared.

```
    HazelcastClientConnector( Config config, LogProvider logProvider, HostnameResolver
hostnameResolver )
        {
            this.config = config;
            this.logProvider = logProvider;
            this.hostnameResolver = hostnameResolver;
        }
```

These three actions effectively made it impossible to get Neo4j Enterprise binaries with the open source AGPLv3 license (https://www.gnu.org/licenses/agpl-3.0.en.html) from Neo4j Inc starting with the 3.3.0 release.

As a consulting company offering software development and support for Neo4j Enterprise open source licenses to the US federal government, we have been building the binaries ourselves for some time.

As part of the Neo4j open source community, we've decided to absorb the hosting costs and make these distributions available to the general public, not just US federal agencies. We've setup a distribution site that can be used to download Neo4j Enterprise directly, or use use with docker compose.

We will have docker images up as well complete with the AGPLv3 (https://www.gnu.org/licenses/agpl-3.0.en.html) licensed packages.

We will also have the FISMA framework modules on GitHub soon, one of which turns back on intra-cluster encryption.

You can download the Neo4j Enterprise binaries with the open source license from our website at https://igovsol.com/downloads.html (https://igovsol.com/downloads.html).

We compile and package these using the source code from the official Neo4j GitHub repositories.

Federal agencies should email us at support@igovsol.com (mailto:support@igovsol.com) to get their AWS GovCloud download links which should be whitelisted for most agencies.

If you would were not aware that Neo4j Enterprise is open source just like it's sibling 'Neo4j Community Edition', you can learn more here (https://igovsol.com/downloads.html#neo4j-os-faqs).

If you are not happy with Neo4j Inc's behavior, then please reach out to Neo4j Inc and voice your concerns.

Feel free to contact me directly via email at jmsuhy@igovsol.com (mailto:jmsuhy@igovsol.com) if you have questions, comments, or just want to talk about Neo4j in general. We are always available.


()


Comment on Twitter (https://twitter.com/share?text=Neo4j%203.3.0%20is%20out%2C%20but%20where%20are%20the%20open%20source%20

(https://blog.igovsol.com/rss)

(https://blog.igc

John Mark

(https://blog.igovsol.com/author/jmsuhy/)

Alexandria, VA

igovsol.com (https://igovsol.com)

Senior software developer and enterprise architect with a focus on introducing innovative open source technologies into the US federal government.

EXHIBIT 10

different between neo4j enterprise and neo4j community for windows?

Asked 5 years, 5 months ago Active 1 year, 8 months ago Viewed 3k times

4

I've just started to learn the Neo4j graphs db. I have a question:

What is the difference between neo4j enterprise and neo4j community for windows?

neo4j

edited Mar 11 '14 at 8:49
Philipp
51.4k 8 86 124

asked Mar 10 '14 at 12:26
user3401678
36 2 4

2 Answers

6

You can find a list of differences on the price comparison overview.

Features the Open Source version lacks are:

- High-Performance Cache
- Clustering
- Online Backup
- Advanced Monitoring

The paid licenses also come with a support contract (you can ask for help from people who will not downvote, edit or close your questions).

answered Mar 11 '14 at 8:52
Philipp
51.4k 8 86 124

2

Neo4j Enterprise just has more 'enterprise features' such as clustering and additional security for example. The comparison link the other poster provided is good to see the differences between enterprise and community server but it does not mention that Neo4j Enterprise is also free under it's open source license! I would just focus on Neo4j server, not the new 'platform' they are now pushing.

By using our site, you acknowledge that you have read and understand our Cookie Policy, Privacy Policy, and our Terms of Service.

You can download Neo4j Enterprise versions before 3.3.0 from the neo4j distribution site below. (3.2.8 is the last version that includes the AGPL license on their distribution site.)

http://dist.neo4j.org/neo4j-enterprise-3.2.8-windows.zip

OR

If you want to use the newest free Neo4j Enterprise edition (currently 3.3.1 as of today) then you can download the free open source binaries we package from source for our government clients at https://igovsol.com/downloads.html

Once you download the zip file to the following to get started. (Assuming you have JAVA setup on your windows machine.)

https://neo4j.com/docs/operations-manual/current/installation/windows/

1) Right-click the downloaded file, click Extract All. Change directory to top-level extracted directory.

2) Run bin\neo4j console

3) Stop the server by typing Ctrl-C in the console.

The enterprise package is 100% free under it's open source AGPL license.

Unzip the package you download and you can verify it by looking at the LICENSE.txt

If you are curious about learning why you can't get the free AGPL binaries after 3.3.0 - checkout a blog post I wrote at https://blog.igovsol.com/2017/11/14/Neo4j-330-is-out-but-where-are-the-open-source-enterprise-binaries.html

answered Dec 5 '17 at 23:48



John Mark
225 1 5

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EXHIBIT 11

Neo4j replication alternative to Neo4j Enterprise edition?

Asked 6 years, 2 months ago Active 6 months ago Viewed 1k times

8

It seems Neo4J High Availability is only available for the Enterprise edition which is paid- is there another alternative to achieve replication without that module? (i.e. without cost). Thanks for any help!

graph nosql neo4j

edited Mar 20 '14 at 15:49

tstorms
4,377 1 19 46

asked Jun 23 '13 at 15:31

DevD
616 1 8 19

1 It's not paid - it is OSS and licensed under the AGPL. How you are you using it? – Peter Neubauer Jun 24 '13 at 16:17

Actually i am using it as a datastore for a mobile app which would not be opensource, basically for arriving at different levels in people relationships. So i guess it comes under commercial licensing as per Neo4j licensing protocol. Please correct me if i am wrong. Thanks! – DevD Jun 25 '13 at 5:09

there is no such thing like "HA without cost"s. If you implement HA/replication on your own, you have high internal costs. If you rely on existing solutions you'll have some external costs. – Stefan Armbruster Jun 25 '13 at 6:23

Thanks Stefan. What tools(opensource) can i use to implement the HA/replication on my own to get started with. Can you please guide me, i am just a novice. – DevD Jun 25 '13 at 8:38

have you seen orientdb ? It is free and achieves high availability by using hazelcast – Nulik Jul 21 '13 at 20:44

2 Answers

3

Update:

This answer has changed. Neo4j is now open core, so the Enterprise code is no longer dual-licensed - only the commercial license option remains.

You can find more details here: https://neo4j.com/open-core-and-neo4j/

Original Answer:

Enterprise is available as quid-pro-quo - if you put your code out under an open source license, then you get access to the open source Neo4j Enterprise free of charge. However, if you are closed

By using our site, you acknowledge that you have read and understand our Cookie Policy, Privacy Policy, and our Terms of Service.

If your application is open-source as you mention, then you are free to use Neo4j Enterprise without paying for it, simply download it at neo4j.org.

edited Feb 21 at 13:47

answered Apr 7 '14 at 10:16



Jacob Davis-Hansson
2,252 14 22

Yes i saw this some time back on the neo4j website....It wasnt there earlier so i had raised a query. but Thanks for the same! – DevD Apr 7 '14 at 11:18

Lol, sorry, I had the wrong tab open, didn't see how old this question was. Sorry about that. Thanks for the "answered" anyway :) – Jacob Davis-Hansson Apr 7 '14 at 11:22

@JacobDavis-Hansson any idea how to get/build the AGPL for version > 3.2 . They stopped packaging enterprise version now with them. – Himanshu Jain Oct 24 '18 at 21:07

How to use AGPL for veersion 3.5? Is it necessary to make our code public? By code you mean the database as well as queries? – pragya18nsit Feb 20 at 7:59

@pragya18nsit I'm afraid this answer was out of date, the licensing has changed since I wrote it. I've updated the answer to reflect the current state. – Jacob Davis-Hansson Feb 21 at 13:48

0

Actually Neo4j Enterprise is free under the open source AGPLv3 license.

Neo4j Inc can't modify the terms and still call it AGPL.

If you use Neo4j Enterprise as a server (like most people do) and communicate with it via its REST API or any of the official BOLT drivers then you never trigger AGPL's copyleft requirements.

In other words - the software that connects to it does not have to be open sourced.

You can download Neo4j Enterprise open source licensed binaries up to version 3.2.x from dist.neo4.org. The links for the windows and unix packages are below. (Replace the version number for specific versions)

http://dist.neo4j.org/neo4j-enterprise-3.2.8-windows.zip

http://dist.neo4j.org/neo4j-enterprise-3.2.8-unix.tar.gz

If you want Neo4j Enterprise 3.3.0 and on under it's free open source license, then you can build them from source like we do for our US government clients, or just grab them from our free distribution site.

Check out the blog post if you want to understand why this has happened.

https://blog.igovsol.com/2017/11/14/Neo4j-330-is-out-but-where-are-the-open-source-enterprise-binaries.html

answered Dec 5 '17 at 23:59

By using our site, you acknowledge that you have read and understand our Cookie Policy, Privacy Policy, and our Terms of Service.

You're thinking of the GPL, the Affero GPL explicitly exists to cover the over-the-network loophole you mention. See stackoverflow.com/questions/2127246/… or the first sentence in the license preamble here: gnu.org/licenses/agpl-3.0.en.html – Jacob Davis-Hansson Dec 6 '17 at 13:24

1 I am actually talking about AGPL, not GPL. AGPL does address the 'distribution' loophole that GPL does not have. However, you have to remember that we are talking about 'distribution' of a 'derivative work'. Neo4j Enterprise is run as a server or cluster of servers in an enterprise architecture. You only interact with it via the REST API or the official bolt drivers, all of which are Apache licensed. Any software communicating with it does not trigger GPL's copy-left requirements and does not have to be open sourced. – John Mark Dec 6 '17 at 22:49

1 MongoDB has a post on AGPL which describes it great: mongodb.com/blog/post/the-agpl "Note however that it is NOT required that applications using mongo be published. " – John Mark Dec 6 '17 at 22:53

1 Finally, Here is an analogy that may make sense. Imagine you develop a new proprietary web browser. If someone uses your browser to go to a website who's content is AGPL licensed, this interaction does trigger AGPL's copyleft requirements requiring you to release the code of your propriatary browser. Also - if you think of open source apps like drupal, then that is a good example of why AGPL is here. I hope this all helps! – John Mark Dec 6 '17 at 22:54

Just an extract of the readme on the github repo of neo4j : "The Enterprise edition is available under the AGPLv3 license for open source projects otherwise under a commercial license" – logisima Dec 6 '17 at 23:17

@JohnMark, this is getting somewhat far into legal advice, which I'm not in a place to give. I'll make two notes and leave this at that: One, your browser analogy is true, but not because the AGPL allows that, but because accessing a public website does not constitute agreeing to a contract you don't know about until you've downloaded it, for obvious reasons. – Jacob Davis-Hansson Dec 7 '17 at 0:14

Two, the Linux network stack is open source as well, just like the Mongo drivers are; if the AGPL software could be nullified by accessing it via a layer with another license it would serve no purpose; when you access an AGPL system via the Linux TCP/IP stack, you agree to *both* licenses, not just the one you are linking into your program. – Jacob Davis-Hansson Dec 7 '17 at 0:17

1 I should point out that I am not a lawyer either. We do work with very good lawyers that help us on topics such as this. I believe the linux kernel is GPL not AGPL. The TCP/IP stack would most likely be in the kernel meaning your example may not be the best. There is a reason mongodb made it's official drivers apache licensed and not AGPL. (Mongodb server is AGPL just like Neo4j Enterprise). Just an FYI, my expertise on this subject comes directly from my involvement of AGPL licenses in the US Federal government. I would be happy to chat about it in detail anytime if you message me. – John Mark Dec 7 '17 at 0:51

@logisima - regarding the readme in github. I have a blog post coming out that touches on this behavior and AGPL. It's great at causing confusion though! They could also add that their software can only be used during full moons. The fact is AGPL comes from the free software foundation. You can not add or modify terms and still call it AGPL. But my post will touch on all sorts of confusion on this subject because of unclear statements such as that one. In my post I will show why this statement is invalid for the most common use cases of Neo4j. – John Mark Dec 7 '17 at 1:00

@JohnMark can you provide more details as to how to build the enterprise version from source for the newer versions. – Himanshu Jain Oct 24 '18 at 21:09

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EXHIBIT 12

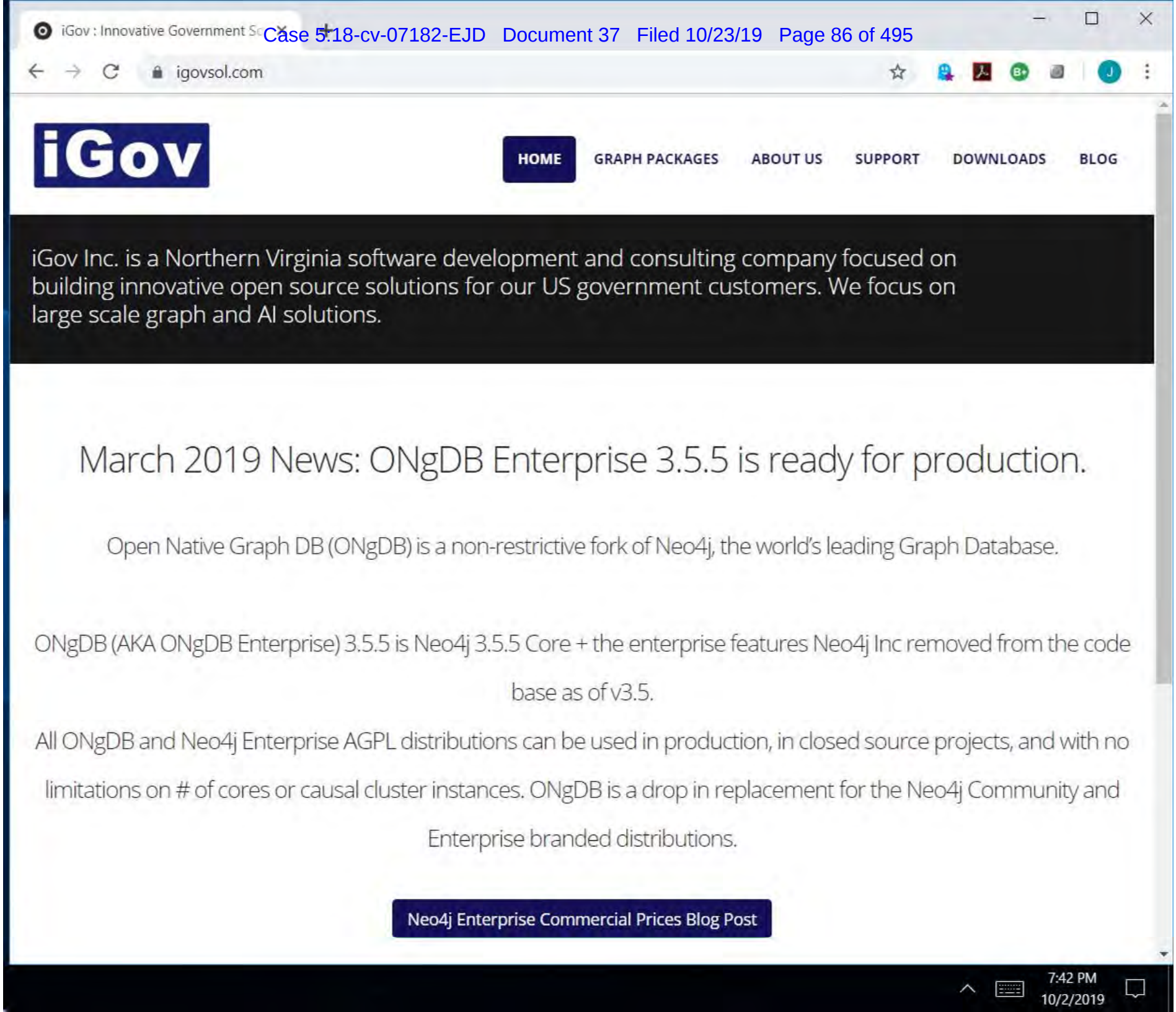

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iGov Inc. is a Northern Virginia software development and consulting company focused on building innovative open source solutions for our US government customers. We focus on large scale graph and AI solutions.
March 2019 News: ONgDB Enterprise 3.5.5 is ready for production.
Open Native Graph DB (ONgDB) is a non-restrictive fork of Neo4j, the world's leading Graph Database.
ONgDB (AKA ONgDB Enterprise) 3.5.5 is Neo4j 3.5.5 Core + the enterprise features Neo4j Inc removed from the code base as of v3.5.
All ONgDB and Neo4j Enterprise AGPL distributions can be used in production, in closed source projects, and with no limitations on # of cores or causal cluster instances. ONgDB is a drop in replacement for the Neo4j Community and Enterprise branded distributions.
Neo4j Enterprise Commercial Prices Blog Post
7:42 PM
10/2/2019

EXHIBIT 13

Case 5:18-cv-07182-EJD Document 37 Filed 10/23/19 Page 88 of 495

March 2019 : ONgDB Enterprise 3.5.3 (Neo4j Core 3.5.3 + Enterprise Code) is now available.

Open Native Graph DB (ONgDB) is a non-restrictive fork of Neo4j managed by the Non profit Graph Foundation. ONgDB is 100% free and open, and there are no limitations on instances in clusters, cores, etc!

It is a drop in replacement for any Neo4j Enterprise (or community) distribution of the same version number.

Learn More about ONgDB

About GraphStack

GraphStack was created and is run by iGov Inc. We have no relationship with Neo4j Inc, the company who created and open sourced Neo4j.

What is GraphStack?

GraphStack is a development suite that allows teams to build large scale graph apps.

More information coming soon...

Who is GraphStack for?

GraphStack is for anyone who had adopted Neo4j and plans on building a large scale graph solution with Neo4j Enterprise / ONgDB Enterprise, Elasticsearch, Microservices, and more.

Downloads

Below are Open Native Graph Database (ONgDB) Enterprise distributions.

You can access the source code via the Graphfoundation GitHub Site.

If you want an older Neo4j Enterprise open source distribution not found on the site, please email info@graphstack.io and tell us what version you would like. We are happy to package it for you then make it available on this site for everyone to benefit from.

ONgDB Enterprise 3.5.3

Drop in replacement for Neo4j Core and Enterprise 3.5.3. AGPLv3 Open Source License, no limitations on causal cluster instances, cores, or production usage.
March 2019 Neo4j's Release Notes | Neo4j's Whats New Page

Mac/Linux	ongdb-enterprise-3.5.3-unix.tar.gz
Windows 64 bit	ongdb-enterprise-3.5.3-windows.zip
Windows 32 bit	ongdb-enterprise-3.5.3-windows.zip
Docker Image	ONgDB 3.5.3 Enterprise Docker Hub

```
docker run \
       --publish=7474:7474 --publish=7687:7687 \
       --volume=$HOME/neo4j/data:/data \
       graphfoundation/ongdb:3.5

Go to:  http://localhost:7474
```

ONgDB Enterprise 3.4.12

AGPLv3 Open Source License, no limitations on causal cluster instances, cores, or production usage.
October 14th, 2018 Neo4j's Release Notes | Neo4j's Whats New Page

Mac/Linux	ongdb-enterprise-3.4.12-unix.tar.gz
Windows 64 bit	ongdb-enterprise-3.4.12-windows.zip
Windows 32 bit	ongdb-enterprise-3.4.12-windows.zip
Docker Image	ONgDB 3.4.12 Enterprise Docker Hub

```
docker run \
       --publish=7474:7474 --publish=7687:7687 \
       --volume=$HOME/neo4j/data:/data \
       graphfoundation/ongdb:3.4

Go to:  http://localhost:7474
```

About Us

iGov Inc is the company behind GraphStack.

iGov Inc offers production support packages for Neo4j / ONgDB Enterprise open source distributions for US government agencies.

iGov Inc

GitHub

Docker Hub

Facebook

Twitter

info@igovsol.com

iGov Inc and GraphStack has no relationship with Neo4j Inc, the innovative software company who created Neo4j.

EXHIBIT 14

4 1

Philip Rathle @prathle · Sep 23

Replying to @gwenshap

Community Edition is GPLv3.

Drivers are Apache 2.0. The Kafka adapter is Apache 2.0:

confluent.io/blog/kafka-con…

Enterprise Edition is commercial = paid. But free for startups, education, development (via Neo4j Browser). More entry-level modalities on their way soon...

All About the Kafka Connect Neo4j Sink Plugin | C…
We've been using the work we did for the Kafka sink – Neo4j extension and have made it available via remote connections over our binary bolt protocol. So you can
confluent.io

1 3

John Mark Suhy @jmsuhy · Sep 25

You can use the GraphFoundation's fork called Open Native Graph Database (ONgDB). It adds the enterprise code Neo removed back on top of Neo4j core. 3.5.11 is ready to go, it should be out in the next few days. Carefully read the terms for the 'free' offerings Neo4j mentions!

1

John Mark Suhy @jmsuhy · Sep 25

Replying to @gwenshap

Luckily the drivers are not AGPL, if they were - code/apps using the drivers could fall under AGPL.
Also, check this blog post out - it is the tip of an iceberg but may be of interest to you..

Neo4j 3.3.0 is out, but where are the open source e…
Neo4j Enterprise is still open source under it's AGPLv3 license. However you may have noticed that you can no longer build the enterprise package binary from the so...
blog.igovsol.com

1

M. David Allen @mdavidallen · Sep 23

EXHIBIT 15

21 2 12

Gwen (Chen) Shapira @gwenshap · Sep 22

I've been corrected that while Neo4j itself is AGPL, the drivers are Apache V2. So we can include the drivers in ASF projects and have users bring their own DB. Not super friendly, but some projects do it.

4 1

Philip Rathle @prathle · Sep 23

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> **All About the Kafka Connect Neo4j Sink Plugin | C…**
> We've been using the work we did for the Kafka sink – Neo4j extension and have made it available via remote connections over our binary bolt protocol. So you can
> confluent.io

1 3

John Mark Suhy
@jmsuhy

Follow

Replying to @prathle @gwenshap

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12:39 AM - 25 Sep 2019

1 Like

21 2 12

Gwen (Chen) Shapira @gwenshap · Sep 22

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1 3

John Mark Suhy
@jmsuhy

Follow

Replying to @prathle @gwenshap

You can use the GraphFoundation's fork called Open Native Graph Database (ONgDB). It adds the enterprise code Neo removed back on top of Neo4j core. 3.5.11 is ready to go, it should be out in the next few days. Carefully read the terms for the 'free' offerings Neo4j mentions!

12:39 AM - 25 Sep 2019

1 Like

EXHIBIT 16

2

John Mark Suhy
@jmsuhy

Follow

Replying to @chpanto @akchux @neo4j

If you ever want to use causal clustering while staying 100% open source, you can do so with #ONgDB
(Neo4j core + enterprise features they removed when they closed Neo4j Enterprise edition at 3.5).
Just ensure you use the same version number as your current Neo4j version.

9:39 AM - 23 Feb 2019

1 Like

2 1

John Mark Suhy @jmsuhy · Feb 23
Replying to @jmsuhy @chpanto and 2 others
Just to be clear - #ONgDB is a free and open fork of Neo4j managed by the GraphFoundation. It merges in the neo4j core code for each release.

graphfoundation/ongdb
ONgDB (Open Native Graph DB) - Neo4j fork with enterprise code base. ONgDB keeps in sync with the Neo4j github repo. - graphfoundation/ongdb
github.com

1 1

Cesar Pantoja, PhD @chpanto · Feb 24
Great! We'll have a look!

John Mark Suhy @jmsuhy · Feb 23
Replying to @jmsuhy @chpanto and 2 others
see

EXHIBIT 17

Case 5:18-cv-07182-EJD Document 37 Filed 10/23/19 Page 99 of 495

Neo4j Desktop vs Neo4j Server

Neo4j Graph Platform

---

stephanie (Stephanie) #1 November 16, 2018, 7:31pm

Do the terms of use for "neo4j Desktop" apply to the ONGDB server which I downloaded under AGPLv3 license? I read the Desktop terms carefully and they refer everywhere to "neo4j Desktop software". Has anybody encountered this issue? I am feeling really stupid for not thinking this through before downloading the Desktop Software, especially as database authentication keeps failing. Before I spend any more time troubleshooting, could someone indicate any features of Desktop that are really worth it (other than UI)? I am planning production, so the license is important to me. Thank you!

---

andrew.bowman (Andrew Bowman) #2 November 16, 2018, 10:47pm

Hi Stephanie,

You may want to review our **licensing page**. In particular, for Neo4j Desktop:

> Neo4j Desktop is the new mission control center for Developers. It’s free with registration, and it includes a **free** development license for Enterprise Edition **allowing you to use Neo4j Enterprise on your local desktop for developing applications** .

Basically it's for local development only, Neo4j Desktop isn't intended or licensed for deployment or usage as a server version (we have the server versions of Neo4j Community and Enterprise for that instead). It can freely be used as a client to connect to a separate server deployment, however.

You may want to review the rest of the licensing page, as there are various scenarios which will allow free Neo4j Enterprise usage (see the FAQ for details).

---

stephanie (Stephanie) #3 November 17, 2018, 7:27pm

Case 5:18-cv-07182-EJD Document 37 Filed 10/23/19 Page 100 of 495

Thanks! I will try to get the Desktop version working a bit longer before I entirely give up!

EXHIBIT 18

Loading large cypher file in Neo4J

Asked 7 months ago Active 7 months ago Viewed 196 times

0

I'm having some difficulty loading a Cypher file into Neo4J in Windows 10. The file in question is a 175 Mb .cql file filled with more than a million lines of nodes and edges (separated by semicolons) in the Cypher language -- CREATE [node], that sort of thing. For smaller items, I have been using an APOC command in the web browser:

```
call apoc.cypher.runFile('file:///<file path>')
```

but this is too slow for a million+ query file. I've created indexes for the nodes, and am currently running it through a command:

```
neo4j-shell -file <file path> -path localhost
```

but this is still slow. I was wondering, is there any way to speed up the intake?

Also, note that I am using an recent ONGDB build, rather than straight Neo4J; I do not believe this will make any substantial difference.

performance neo4j cypher

edited Jan 16 at 20:14

asked Jan 16 at 19:45

tq343
45 ● 8

2 Answers

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2

If you are ingesting into a new neo4j DB, you should consider refactoring the data out of it and using the import command of neo4j-admin tool to efficiently ingest the data.

If you are ingesting into an existing DB, you should consider refactoring the data and logic out of the CQL file and using LOAD CSV.

answered Jan 16 at 20:50



cybersam
45.3k ● 5 ● 35 ● 58

1

I ended up ingesting it using cypher-shell. It's still slow, but at least it does finish. Using it requires one to first open a Neo4J console then, in a second command line, use:

```
type <filepath>\data.cql | bin\cypher-shell.bat -a localhost -u <user> -p <password> --
fail-at-end
```

This works for Windows 10, although it does take a while.

answered Jan 22 at 14:56



tq343
45 ● 8

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EXHIBIT 19

Errors while building ONgDB

Asked 7 months ago Viewed 34 times

0

Github Soruce: https://github.com/GraphFoundation/ongdb/tree/3.2.3

> Open Native Graph DB (ONgDB) is a non-restrictive fork of Neo4j, the world's leading Graph Database. It is a high performance graph store with all the features expected of a mature and robust database, like a friendly query language, ACID transactions and high availability clustering. The programmer works with a flexible network structure of nodes and relationships rather than static tables — yet enjoys all the benefits of enterprise-quality database. For many applications, ONgDB offers orders of magnitude performance benefits compared to relational DBs.

I did a cd to `ongdb-3.2.3/enterprise/neo4j-enterprise` and did a mvn install but its failing

```
sudo mvn clean install -Dlicense.skip=true -Dmaven.test.skip=true -e -U
[INFO] Error stacktraces are turned on.
[INFO] Scanning for projects...
[WARNING]
[WARNING] Some problems were encountered while building the effective model for
org.neo4j:neo4j-enterprise:jar:3.2.3-SNAPSHOT
[WARNING] Reporting configuration should be done in <reporting> section, not in maven-
site-plugin <configuration> as reportPlugins parameter.
[WARNING]
[WARNING] It is highly recommended to fix these problems because they threaten the
stability of your build.
[WARNING]
[WARNING] For this reason, future Maven versions might no longer support building such
malformed projects.
[WARNING]
[INFO]
[INFO] ------------------------------------------------------------------------
[INFO] Building Neo4j - Enterprise 3.2.3-SNAPSHOT
[INFO] ------------------------------------------------------------------------
Downloading from central:
...A bunch of downloads...

[INFO] ------------------------------------------------------------------------
[INFO] BUILD FAILURE
[INFO] ------------------------------------------------------------------------
[INFO] Total time: 01:03 min
[INFO] Finished at: 2019-02-13T15:07:11+05:30
[INFO] Final Memory: 16M/226M
[INFO] ------------------------------------------------------------------------
[ERROR] Failed to execute goal on project neo4j-enterprise: Could not resolve
dependencies for project org.neo4j:neo4j-enterprise:jar:3.2.3-SNAPSHOT: The following
artifacts could not be resolved: org.neo4j:neo4j:jar:3.2.3-SNAPSHOT, org.neo4j:neo4j-
query-logging:jar:3.2.3-SNAPSHOT, org.neo4j:neo4j-com:jar:3.2.3-SNAPSHOT,
org.neo4j:neo4j-backup:jar:3.2.3-SNAPSHOT, org.neo4j:neo4j-ha:jar:3.2.3-SNAPSHOT,
org.neo4j:neo4j-causal-clustering:jar:3.2.3-SNAPSHOT, org.neo4j:neo4j-metrics:jar:3.2.3-
SNAPSHOT, org.neo4j:neo4j-management:jar:3.2.3-SNAPSHOT, org.neo4j:neo4j-security-
enterprise:jar:3.2.3-SNAPSHOT, org.neo4j:neo4j:jar:tests:3.2.3-SNAPSHOT,
```

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```
(http://m2.neo4j.org/content/repositories/snapshots/) -> [Help 1]
org.apache.maven.lifecycle.LifecycleExecutionException: Failed to execute goal on
project neo4j-enterprise: Could not resolve dependencies for project org.neo4j:neo4j-
enterprise:jar:3.2.3-SNAPSHOT: The following artifacts could not be resolved:
org.neo4j:neo4j:jar:3.2.3-SNAPSHOT, org.neo4j:neo4j-query-logging:jar:3.2.3-SNAPSHOT,
org.neo4j:neo4j-com:jar:3.2.3-SNAPSHOT, org.neo4j:neo4j-backup:jar:3.2.3-SNAPSHOT,
org.neo4j:neo4j-ha:jar:3.2.3-SNAPSHOT, org.neo4j:neo4j-causal-clustering:jar:3.2.3-
SNAPSHOT, org.neo4j:neo4j-metrics:jar:3.2.3-SNAPSHOT, org.neo4j:neo4j-
management:jar:3.2.3-SNAPSHOT, org.neo4j:neo4j-security-enterprise:jar:3.2.3-SNAPSHOT,
org.neo4j:neo4j:jar:tests:3.2.3-SNAPSHOT, org.neo4j:neo4j-ha:jar:tests:3.2.3-SNAPSHOT,
org.neo4j:neo4j-cluster:jar:tests:3.2.3-SNAPSHOT, org.neo4j:neo4j-enterprise-
kernel:jar:tests:3.2.3-SNAPSHOT, org.neo4j:neo4j-consistency-check:jar:tests:3.2.3-
SNAPSHOT: Could not find artifact org.neo4j:neo4j:jar:3.2.3-SNAPSHOT in neo4j-snapshot-
repository (http://m2.neo4j.org/content/repositories/snapshots/)
    at org.apache.maven.lifecycle.internal.LifecycleDependencyResolver.getDependencies
(LifecycleDependencyResolver.java:249)
    at
org.apache.maven.lifecycle.internal.LifecycleDependencyResolver.resolveProjectDependencies
 (LifecycleDependencyResolver.java:145)
    at org.apache.maven.lifecycle.internal.MojoExecutor.ensureDependenciesAreResolved
(MojoExecutor.java:246)
    at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:200)
    at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:154)
    at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:146)
    at org.apache.maven.lifecycle.internal.LifecycleModuleBuilder.buildProject
(LifecycleModuleBuilder.java:117)
    at org.apache.maven.lifecycle.internal.LifecycleModuleBuilder.buildProject
(LifecycleModuleBuilder.java:81)
    at
org.apache.maven.lifecycle.internal.builder.singlethreaded.SingleThreadedBuilder.build
(SingleThreadedBuilder.java:51)
    at org.apache.maven.lifecycle.internal.LifecycleStarter.execute
(LifecycleStarter.java:128)
    at org.apache.maven.DefaultMaven.doExecute (DefaultMaven.java:309)
    at org.apache.maven.DefaultMaven.doExecute (DefaultMaven.java:194)
    at org.apache.maven.DefaultMaven.execute (DefaultMaven.java:107)
    at org.apache.maven.cli.MavenCli.execute (MavenCli.java:955)
    at org.apache.maven.cli.MavenCli.doMain (MavenCli.java:290)
    at org.apache.maven.cli.MavenCli.main (MavenCli.java:194)
    at sun.reflect.NativeMethodAccessorImpl.invoke0 (Native Method)
    at sun.reflect.NativeMethodAccessorImpl.invoke (NativeMethodAccessorImpl.java:62)
    at sun.reflect.DelegatingMethodAccessorImpl.invoke
(DelegatingMethodAccessorImpl.java:43)
    at java.lang.reflect.Method.invoke (Method.java:498)
    at org.codehaus.plexus.classworlds.launcher.Launcher.launchEnhanced
(Launcher.java:289)
    at org.codehaus.plexus.classworlds.launcher.Launcher.launch (Launcher.java:229)
    at org.codehaus.plexus.classworlds.launcher.Launcher.mainWithExitCode
(Launcher.java:415)
    at org.codehaus.plexus.classworlds.launcher.Launcher.main (Launcher.java:356)
Caused by: org.apache.maven.project.DependencyResolutionException: Could not resolve
dependencies for project org.neo4j:neo4j-enterprise:jar:3.2.3-SNAPSHOT: The following
artifacts could not be resolved: org.neo4j:neo4j:jar:3.2.3-SNAPSHOT, org.neo4j:neo4j-
query-logging:jar:3.2.3-SNAPSHOT, org.neo4j:neo4j-com:jar:3.2.3-SNAPSHOT,
org.neo4j:neo4j-backup:jar:3.2.3-SNAPSHOT, org.neo4j:neo4j-ha:jar:3.2.3-SNAPSHOT,
org.neo4j:neo4j-causal-clustering:jar:3.2.3-SNAPSHOT, org.neo4j:neo4j-metrics:jar:3.2.3-
SNAPSHOT, org.neo4j:neo4j-management:jar:3.2.3-SNAPSHOT, org.neo4j:neo4j-security-
enterprise:jar:3.2.3-SNAPSHOT, org.neo4j:neo4j:jar:tests:3.2.3-SNAPSHOT,
org.neo4j:neo4j-ha:jar:tests:3.2.3-SNAPSHOT, org.neo4j:neo4j-cluster:jar:tests:3.2.3-
SNAPSHOT, org.neo4j:neo4j-enterprise-kernel:jar:tests:3.2.3-SNAPSHOT, org.neo4j:neo4j-
```

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```
    at org.apache.maven.lifecycle.internal.LifecycleDependencyResolver.getDependencies
(LifecycleDependencyResolver.java:223)
    at
org.apache.maven.lifecycle.internal.LifecycleDependencyResolver.resolveProjectDependencies
 (LifecycleDependencyResolver.java:145)
    at org.apache.maven.lifecycle.internal.MojoExecutor.ensureDependenciesAreResolved
(MojoExecutor.java:246)
    at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:200)
    at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:154)
    at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:146)
    at org.apache.maven.lifecycle.internal.LifecycleModuleBuilder.buildProject
(LifecycleModuleBuilder.java:117)
    at org.apache.maven.lifecycle.internal.LifecycleModuleBuilder.buildProject
(LifecycleModuleBuilder.java:81)
    at
org.apache.maven.lifecycle.internal.builder.singlethreaded.SingleThreadedBuilder.build
(SingleThreadedBuilder.java:51)
    at org.apache.maven.lifecycle.internal.LifecycleStarter.execute
(LifecycleStarter.java:128)
    at org.apache.maven.DefaultMaven.doExecute (DefaultMaven.java:309)
    at org.apache.maven.DefaultMaven.doExecute (DefaultMaven.java:194)
    at org.apache.maven.DefaultMaven.execute (DefaultMaven.java:107)
    at org.apache.maven.cli.MavenCli.execute (MavenCli.java:955)
    at org.apache.maven.cli.MavenCli.doMain (MavenCli.java:290)
    at org.apache.maven.cli.MavenCli.main (MavenCli.java:194)
    at sun.reflect.NativeMethodAccessorImpl.invoke0 (Native Method)
    at sun.reflect.NativeMethodAccessorImpl.invoke (NativeMethodAccessorImpl.java:62)
    at sun.reflect.DelegatingMethodAccessorImpl.invoke
(DelegatingMethodAccessorImpl.java:43)
    at java.lang.reflect.Method.invoke (Method.java:498)
    at org.codehaus.plexus.classworlds.launcher.Launcher.launchEnhanced
(Launcher.java:289)
    at org.codehaus.plexus.classworlds.launcher.Launcher.launch (Launcher.java:229)
    at org.codehaus.plexus.classworlds.launcher.Launcher.mainWithExitCode
(Launcher.java:415)
    at org.codehaus.plexus.classworlds.launcher.Launcher.main (Launcher.java:356)
Caused by: org.eclipse.aether.resolution.DependencyResolutionException: The following
artifacts could not be resolved: org.neo4j:neo4j:jar:3.2.3-SNAPSHOT, org.neo4j:neo4j-
query-logging:jar:3.2.3-SNAPSHOT, org.neo4j:neo4j-com:jar:3.2.3-SNAPSHOT,
org.neo4j:neo4j-backup:jar:3.2.3-SNAPSHOT, org.neo4j:neo4j-ha:jar:3.2.3-SNAPSHOT,
org.neo4j:neo4j-causal-clustering:jar:3.2.3-SNAPSHOT, org.neo4j:neo4j-metrics:jar:3.2.3-
SNAPSHOT, org.neo4j:neo4j-management:jar:3.2.3-SNAPSHOT, org.neo4j:neo4j-security-
enterprise:jar:3.2.3-SNAPSHOT, org.neo4j:neo4j:jar:tests:3.2.3-SNAPSHOT,
org.neo4j:neo4j-ha:jar:tests:3.2.3-SNAPSHOT, org.neo4j:neo4j-cluster:jar:tests:3.2.3-
SNAPSHOT, org.neo4j:neo4j-enterprise-kernel:jar:tests:3.2.3-SNAPSHOT, org.neo4j:neo4j-
consistency-check:jar:tests:3.2.3-SNAPSHOT: Could not find artifact
org.neo4j:neo4j:jar:3.2.3-SNAPSHOT in neo4j-snapshot-repository
(http://m2.neo4j.org/content/repositories/snapshots/)
    at org.eclipse.aether.internal.impl.DefaultRepositorySystem.resolveDependencies
(DefaultRepositorySystem.java:355)
    at org.apache.maven.project.DefaultProjectDependenciesResolver.resolve
(DefaultProjectDependenciesResolver.java:202)
    at org.apache.maven.lifecycle.internal.LifecycleDependencyResolver.getDependencies
(LifecycleDependencyResolver.java:223)
    at
org.apache.maven.lifecycle.internal.LifecycleDependencyResolver.resolveProjectDependencies
 (LifecycleDependencyResolver.java:145)
    at org.apache.maven.lifecycle.internal.MojoExecutor.ensureDependenciesAreResolved
(MojoExecutor.java:246)
    at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:200)
```

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```
(LifecycleModuleBuilder.java:81)
    at
org.apache.maven.lifecycle.internal.builder.singlethreaded.SingleThreadedBuilder.build
(SingleThreadedBuilder.java:51)
    at org.apache.maven.lifecycle.internal.LifecycleStarter.execute
(LifecycleStarter.java:128)
    at org.apache.maven.DefaultMaven.doExecute (DefaultMaven.java:309)
    at org.apache.maven.DefaultMaven.doExecute (DefaultMaven.java:194)
    at org.apache.maven.DefaultMaven.execute (DefaultMaven.java:107)
    at org.apache.maven.cli.MavenCli.execute (MavenCli.java:955)
    at org.apache.maven.cli.MavenCli.doMain (MavenCli.java:290)
    at org.apache.maven.cli.MavenCli.main (MavenCli.java:194)
    at sun.reflect.NativeMethodAccessorImpl.invoke0 (Native Method)
    at sun.reflect.NativeMethodAccessorImpl.invoke (NativeMethodAccessorImpl.java:62)
    at sun.reflect.DelegatingMethodAccessorImpl.invoke
(DelegatingMethodAccessorImpl.java:43)
    at java.lang.reflect.Method.invoke (Method.java:498)
    at org.codehaus.plexus.classworlds.launcher.Launcher.launchEnhanced
(Launcher.java:289)
    at org.codehaus.plexus.classworlds.launcher.Launcher.launch (Launcher.java:229)
    at org.codehaus.plexus.classworlds.launcher.Launcher.mainWithExitCode
(Launcher.java:415)
    at org.codehaus.plexus.classworlds.launcher.Launcher.main (Launcher.java:356)
Caused by: org.eclipse.aether.resolution.ArtifactResolutionException: The following
artifacts could not be resolved: org.neo4j:neo4j:jar:3.2.3-SNAPSHOT, org.neo4j:neo4j-
query-logging:jar:3.2.3-SNAPSHOT, org.neo4j:neo4j-com:jar:3.2.3-SNAPSHOT,
org.neo4j:neo4j-backup:jar:3.2.3-SNAPSHOT, org.neo4j:neo4j-ha:jar:3.2.3-SNAPSHOT,
org.neo4j:neo4j-causal-clustering:jar:3.2.3-SNAPSHOT, org.neo4j:neo4j-metrics:jar:3.2.3-
SNAPSHOT, org.neo4j:neo4j-management:jar:3.2.3-SNAPSHOT, org.neo4j:neo4j-security-
enterprise:jar:3.2.3-SNAPSHOT, org.neo4j:neo4j:jar:tests:3.2.3-SNAPSHOT,
org.neo4j:neo4j-ha:jar:tests:3.2.3-SNAPSHOT, org.neo4j:neo4j-cluster:jar:tests:3.2.3-
SNAPSHOT, org.neo4j:neo4j-enterprise-kernel:jar:tests:3.2.3-SNAPSHOT, org.neo4j:neo4j-
consistency-check:jar:tests:3.2.3-SNAPSHOT: Could not find artifact
org.neo4j:neo4j:jar:3.2.3-SNAPSHOT in neo4j-snapshot-repository
(http://m2.neo4j.org/content/repositories/snapshots/)
    at org.eclipse.aether.internal.impl.DefaultArtifactResolver.resolve
(DefaultArtifactResolver.java:422)
    at org.eclipse.aether.internal.impl.DefaultArtifactResolver.resolveArtifacts
(DefaultArtifactResolver.java:224)
    at org.eclipse.aether.internal.impl.DefaultRepositorySystem.resolveDependencies
(DefaultRepositorySystem.java:338)
    at org.apache.maven.project.DefaultProjectDependenciesResolver.resolve
(DefaultProjectDependenciesResolver.java:202)
    at org.apache.maven.lifecycle.internal.LifecycleDependencyResolver.getDependencies
(LifecycleDependencyResolver.java:223)
    at
org.apache.maven.lifecycle.internal.LifecycleDependencyResolver.resolveProjectDependencies
 (LifecycleDependencyResolver.java:145)
    at org.apache.maven.lifecycle.internal.MojoExecutor.ensureDependenciesAreResolved
(MojoExecutor.java:246)
    at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:200)
    at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:154)
    at org.apache.maven.lifecycle.internal.MojoExecutor.execute (MojoExecutor.java:146)
    at org.apache.maven.lifecycle.internal.LifecycleModuleBuilder.buildProject
(LifecycleModuleBuilder.java:117)
    at org.apache.maven.lifecycle.internal.LifecycleModuleBuilder.buildProject
(LifecycleModuleBuilder.java:81)
    at
org.apache.maven.lifecycle.internal.builder.singlethreaded.SingleThreadedBuilder.build
(SingleThreadedBuilder.java:51)
```

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```
    at org.apache.maven.cli.MavenCli.execute (MavenCli.java:955)
    at org.apache.maven.cli.MavenCli.doMain (MavenCli.java:290)
    at org.apache.maven.cli.MavenCli.main (MavenCli.java:194)
    at sun.reflect.NativeMethodAccessorImpl.invoke0 (Native Method)
    at sun.reflect.NativeMethodAccessorImpl.invoke (NativeMethodAccessorImpl.java:62)
    at sun.reflect.DelegatingMethodAccessorImpl.invoke
(DelegatingMethodAccessorImpl.java:43)
    at java.lang.reflect.Method.invoke (Method.java:498)
    at org.codehaus.plexus.classworlds.launcher.Launcher.launchEnhanced
(Launcher.java:289)
    at org.codehaus.plexus.classworlds.launcher.Launcher.launch (Launcher.java:229)
    at org.codehaus.plexus.classworlds.launcher.Launcher.mainWithExitCode
(Launcher.java:415)
    at org.codehaus.plexus.classworlds.launcher.Launcher.main (Launcher.java:356)
Caused by: org.eclipse.aether.transfer.ArtifactNotFoundException: Could not find
artifact org.neo4j:neo4j:jar:3.2.3-SNAPSHOT in neo4j-snapshot-repository
(http://m2.neo4j.org/content/repositories/snapshots/)
    at org.eclipse.aether.connector.basic.ArtifactTransportListener.transferFailed
(ArtifactTransportListener.java:48)
    at org.eclipse.aether.connector.basic.BasicRepositoryConnector$TaskRunner.run
(BasicRepositoryConnector.java:365)
    at org.eclipse.aether.util.concurrency.RunnableErrorForwarder$1.run
(RunnableErrorForwarder.java:75)
    at java.util.concurrent.ThreadPoolExecutor.runWorker (ThreadPoolExecutor.java:1149)
    at java.util.concurrent.ThreadPoolExecutor$Worker.run (ThreadPoolExecutor.java:624)
    at java.lang.Thread.run (Thread.java:748)
[ERROR]
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the
following articles:
[ERROR] [Help 1]
http://cwiki.apache.org/confluence/display/MAVEN/DependencyResolutionException
```

maven

asked Feb 13 at 10:22



Srinath Ganesh

1,174 14 32

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EXHIBIT 20

Gremlin-server not starting with ongdb

Asked 7 months ago Viewed 92 times

0

I am trying to start the Gremlin server with ONgDB. I am using Gremlin Server (v3.4.0) and ONgDB (v3.2.3). Following the conf changes, I made

neo4j-empty.properties

```
gremlin.graph=org.apache.tinkerpop.gremlin.neo4j.structure.Neo4jGraph
gremlin.neo4j.directory=/home/rgupta/Documents/Gremlin-db/neo4j.server1
gremlin.neo4j.conf.ha.server_id=1
gremlin.neo4j.conf.ha.initial_hosts=localhost:5001\,localhost:5002\,localhost:5003
gremlin.neo4j.conf.ha.host.coordination=localhost:5001
gremlin.neo4j.conf.ha.host.data=localhost:6001
```

gremlin-server-neo4j.yaml

```
host: localhost
port: 8182
scriptEvaluationTimeout: 30000
channelizer: org.apache.tinkerpop.gremlin.server.channel.WebSocketChannelizer
graphs: {
  graph: conf/neo4j-empty.properties}
scriptEngines: {
  gremlin-groovy: {
    plugins: { org.apache.tinkerpop.gremlin.server.jsr223.GremlinServerGremlinPlugin:
{},
               org.apache.tinkerpop.gremlin.neo4j.jsr223.Neo4jGremlinPlugin: {},
               org.apache.tinkerpop.gremlin.jsr223.ImportGremlinPlugin: {classImports:
[java.lang.Math], methodImports: [java.lang.Math#*]},
               org.apache.tinkerpop.gremlin.jsr223.ScriptFileGremlinPlugin: {files:
[scripts/empty-sample.groovy]}}}}
serializers:
  - { className: org.apache.tinkerpop.gremlin.driver.ser.GryoMessageSerializerV3d0,
config: { ioRegistries:
[org.apache.tinkerpop.gremlin.tinkergraph.structure.TinkerIoRegistryV3d0] }}
# application/vnd.gremlin-v3.0+gryo
  - { className: org.apache.tinkerpop.gremlin.driver.ser.GryoMessageSerializerV3d0,
config: { serializeResultToString: true }}
# application/vnd.gremlin-v3.0+gryo-stringd
  - { className: org.apache.tinkerpop.gremlin.driver.ser.GraphSONMessageSerializerV3d0,
config: { ioRegistries:
[org.apache.tinkerpop.gremlin.tinkergraph.structure.TinkerIoRegistryV3d0] }}        #
application/json
  - { className: org.apache.tinkerpop.gremlin.driver.ser.GraphBinaryMessageSerializerV1
}
# application/vnd.graphbinary-v1.0
processors:
  - { className: org.apache.tinkerpop.gremlin.server.op.session.SessionOpProcessor,
config: { sessionTimeout: 28800000 }}
  - { className: org.apache.tinkerpop.gremlin.server.op.traversal.TraversalOpProcessor,
config: { cacheExpirationTime: 600000, cacheMaxSize: 1000 }}
metrics: {
```

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```
  slf4jReporter: {enabled: true, interval: 180000}}
strictTransactionManagement: false
idleConnectionTimeout: 0
keepAliveInterval: 0
maxInitialLineLength: 4096
maxHeaderSize: 8192
maxChunkSize: 8192
maxContentLength: 65536
maxAccumulationBufferComponents: 1024
resultIterationBatchSize: 64
writeBufferLowWaterMark: 32768
writeBufferHighWaterMark: 65536
ssl: {
  enabled: false}
```

At the time of running the gremlin server, I get the following error:

```
[INFO] GremlinServer - 3.4.0
         \,,,/
         (o o)
-----oOOo-(3)-oOOo-----

[INFO] GremlinServer - Configuring Gremlin Server from conf/gremlin-server-neo4j.yaml
[INFO] MetricManager - Configured Metrics ConsoleReporter configured with report
interval=180000ms
[INFO] MetricManager - Configured Metrics CsvReporter configured with report
interval=180000ms to fileName=/tmp/gremlin-server-metrics.csv
[INFO] MetricManager - Configured Metrics JmxReporter configured with domain= and
agentId=
[INFO] MetricManager - Configured Metrics Slf4jReporter configured with
interval=180000ms and
loggerName=org.apache.tinkerpop.gremlin.server.Settings$Slf4jReporterMetrics
[WARN] DefaultGraphManager - Graph [graph] configured at [conf/neo4j-empty.properties]
could not be instantiated and will not be available in Gremlin Server.  GraphFactory
message: GraphFactory could not find
[org.apache.tinkerpop.gremlin.neo4j.structure.Neo4jGraph] - Ensure that the jar is in
the classpath
java.lang.RuntimeException: GraphFactory could not find
[org.apache.tinkerpop.gremlin.neo4j.structure.Neo4jGraph] - Ensure that the jar is in
the classpath
    at
org.apache.tinkerpop.gremlin.structure.util.GraphFactory.open(GraphFactory.java:63)
    at
org.apache.tinkerpop.gremlin.structure.util.GraphFactory.open(GraphFactory.java:104)
    at
org.apache.tinkerpop.gremlin.server.util.DefaultGraphManager.lambda$new$0(DefaultGraphMana

    at java.util.LinkedHashMap$LinkedEntrySet.forEach(LinkedHashMap.java:671)
    at org.apache.tinkerpop.gremlin.server.util.DefaultGraphManager.<init>
(DefaultGraphManager.java:55)
    at sun.reflect.NativeConstructorAccessorImpl.newInstance0(Native Method)
    at
sun.reflect.NativeConstructorAccessorImpl.newInstance(NativeConstructorAccessorImpl.java:6

    at
sun.reflect.DelegatingConstructorAccessorImpl.newInstance(DelegatingConstructorAccessorImp

    at java.lang.reflect.Constructor.newInstance(Constructor.java:423)
    at org.apache.tinkerpop.gremlin.server.util.ServerGremlinExecutor.<init>
```

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```
[INFO] ServerGremlinExecutor - Initialized Gremlin thread pool.  Threads in pool named
with pattern gremlin-*
Exception in thread "main" java.lang.IllegalStateException:
java.lang.ClassNotFoundException:
org.apache.tinkerpop.gremlin.neo4j.jsr223.Neo4jGremlinPlugin
    at
org.apache.tinkerpop.gremlin.groovy.engine.GremlinExecutor.initializeGremlinScriptEngineMa

    at org.apache.tinkerpop.gremlin.groovy.engine.GremlinExecutor.<init>
(GremlinExecutor.java:108)
    at org.apache.tinkerpop.gremlin.groovy.engine.GremlinExecutor.<init>
(GremlinExecutor.java:77)
    at
org.apache.tinkerpop.gremlin.groovy.engine.GremlinExecutor$Builder.create(GremlinExecutor.

    at org.apache.tinkerpop.gremlin.server.util.ServerGremlinExecutor.<init>
(ServerGremlinExecutor.java:128)
    at org.apache.tinkerpop.gremlin.server.GremlinServer.<init>(GremlinServer.java:122)
    at org.apache.tinkerpop.gremlin.server.GremlinServer.<init>(GremlinServer.java:86)
    at org.apache.tinkerpop.gremlin.server.GremlinServer.main(GremlinServer.java:345)
Caused by: java.lang.ClassNotFoundException:
org.apache.tinkerpop.gremlin.neo4j.jsr223.Neo4jGremlinPlugin
    at java.net.URLClassLoader.findClass(URLClassLoader.java:381)
    at java.lang.ClassLoader.loadClass(ClassLoader.java:424)
    at sun.misc.Launcher$AppClassLoader.loadClass(Launcher.java:349)
    at java.lang.ClassLoader.loadClass(ClassLoader.java:357)
    at java.lang.Class.forName0(Native Method)
    at java.lang.Class.forName(Class.java:264)
    at
org.apache.tinkerpop.gremlin.groovy.engine.GremlinExecutor.initializeGremlinScriptEngineMa

    ... 7 more
[INFO] OpLoader - Adding the standard OpProcessor.
[INFO] OpLoader - Adding the session OpProcessor.
[INFO] OpLoader - Adding the traversal OpProcessor.
[INFO] GremlinServer - Shutting down OpProcessor[]
[INFO] GremlinServer - Shutting down OpProcessor[session]
[INFO] GremlinServer - Shutting down OpProcessor[traversal]
[INFO] GremlinServer - Shutting down thread pools.
Exception in thread "gremlin-server-shutdown" java.lang.NullPointerException
    at org.apache.tinkerpop.gremlin.server.GremlinServer.stop(GremlinServer.java:255)
    at
org.apache.tinkerpop.gremlin.server.GremlinServer.lambda$new$0(GremlinServer.java:103)
    at java.lang.Thread.run(Thread.java:748)
```

I also tried ONgdb (neo4j) with different gremlin server versions like v3.3.0 and v3.3.1

python neo4j gremlin-server

edited Feb 27 at 15:27



Radostin Nanov

132 1 5

asked Feb 21 at 8:41

Ravindra Gupta

368 1 20

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EXHIBIT 21

Unable to connect to Neo4J/ONgDB Browser when port forwarding

Asked 7 months ago Active 7 months ago Viewed 115 times

0

1

I am running the ONgDB container as per their Docker run command.
I have tested this locally on my laptop and it worked before, I was able to navigate to the graph browser and log in.

Now I am running this Graph in a server.
I did port forwarding to my laptop successfully, and am able to see ONgDB Browser in my laptop.
However I am unable to log in, I get the error: `ServiceUnavailable: WebSocket connection failure. Due to security constraints in your web browser, the reason for the failure is not available to this Neo4j Driver. Please use your browsers development console to determine the root cause of the failure. Common reasons inc...`

I found Neo4J article on how to resolve it.
I entered the ONgDB container filesystem and opened the .conf file, but there was no line to uncomment.
I tried to add the suggested line `dbms.connector.bolt.address=0.0.0.0:7687` but it does not work as well.

How can I enable ONgDB Docker container for remote access?

neo4j

asked Feb 18 at 4:10

cryanbhu
834 7 15

1 Answer

0

I figured out the problem, in Neo4J/ONgDB browser, it fills the database host with `localhost` by default.
You just have to fill it in with the server's IP there and it works.

Also, you can connect using a desktop Neo4J/ONgDB browser to a remote graph, its just like a database (RDBMS) where you can connect to it from a client running locally.

answered Feb 18 at 5:05

cryanbhu
834 7 15

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EXHIBIT 22

Unable to connect to Neo4J / ONgDB browser when port forwarding

Neo4j

I run the ONgDB container according to their Docker run command .
I have tested locally on my laptop and it worked before, I was able to navigate to the graphical browser and log in.

Now I am running this Graph on the server.
I successfully forwarded the port to my laptop and was able to see the ONgDB browser on my laptop. But I can't log in, I get the error: `ServiceUnavailable: WebSocket connection failure. Due to security constraints in your web browser, the reason for the failure is not available to this Neo4j Driver. Please use your browsers development console to determine the root cause of the failure. Common reasons inc...`

I found a Neo4J article on how to fix it .
I entered the ONgDB container filesystem and opened the .conf file, but there are no rows to uncomment.
I tried to add the suggested line `dbms.connector.bolt.address=0.0.0.0:7687` but it doesn't work.

How do I enable the ONgDB Docker container for remote access?

Author: cryanbhu | source

Posted by: February 18, 2019

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Response 1

I figured out the problem, in the Neo4J / ONgDB browser, it `localhost` populates the database host by default.
You only need to fill it in the server's IP.

In addition, you can connect to remote graphics using the desktop Neo4J / ONgDB browser, which is like a database (RDBMS), which you can connect to from a locally running client.

Author: cryanbhu

Posted by: February 18, 2019

EXHIBIT 23

graphfoundation / **ongdb**

Updated the LICENSE.txt file to be pure AGPL as to not violate the fs...

Browse files

...f copyright and to be in line with the AGPL license.

3.5 3.5.9 ... 3.5.3

John Mark Suhy committed on Mar 1 — 1 parent c90a39d — commit c0b23b21e051fe12bd01a50d46ca3a7ad9e88374

Showing 29 changed files with **6,790 additions** and **6,962 deletions**. Unified Split

661 LICENSE.txt

```
@@ -0,0 +1,661 @@
+ GNU AFFERO GENERAL PUBLIC LICENSE
+   Version 3, 19 November 2007
+
+ Copyright (C) 2007 Free Software Foundation, Inc. <https://fsf.org/>
+ Everyone is permitted to copy and distribute verbatim copies
+ of this license document, but changing it is not allowed.
+
+ Preamble
+
+ The GNU Affero General Public License is a free, copyleft license for
+ software and other kinds of works, specifically designed to ensure
+ cooperation with the community in the case of network server software.
+
+ The licenses for most software and other practical works are designed
+ to take away your freedom to share and change the works.  By contrast,
+ our General Public Licenses are intended to guarantee your freedom to
+ share and change all versions of a program--to make sure it remains free
+ software for all its users.
+
+ When we speak of free software, we are referring to freedom, not
+ price.  Our General Public Licenses are designed to make sure that you
+ have the freedom to distribute copies of free software (and charge for
+ them if you wish), that you receive source code or can get it if you
+ want it, that you can change the software or use pieces of it in new
+ free programs, and that you know you can do these things.
+
+ Developers that use our General Public Licenses protect your rights
+ with two steps: (1) assert copyright on the software, and (2) offer
+ you this License which gives you legal permission to copy, distribute
+ and/or modify the software.
+
+ A secondary benefit of defending all users' freedom is that
+ improvements made in alternate versions of the program, if they
+ receive widespread use, become available for other developers to
+ incorporate.  Many developers of free software are heartened and
+ encouraged by the resulting cooperation.  However, in the case of
+ software used on network servers, this result may fail to come about.
+ The GNU General Public License permits making a modified version and
+ letting the public access it on a server without ever releasing its
+ source code to the public.
+
+ The GNU Affero General Public License is designed specifically to
+ ensure that, in such cases, the modified source code becomes available
+ to the community.  It requires the operator of a network server to
+ provide the source code of the modified version running there to the
```

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```
+ users of that server.  Therefore, public use of a modified version, on
+ a publicly accessible server, gives the public access to the source
+ code of the modified version.
+
+ An older license, called the Affero General Public License and
+ published by Affero, was designed to accomplish similar goals.  This is
+ a different license, not a version of the Affero GPL, but Affero has
+ released a new version of the Affero GPL which permits relicensing under
+ this license.
+
+ The precise terms and conditions for copying, distribution and
+ modification follow.
+
+ TERMS AND CONDITIONS
+
+ 0. Definitions.
+
+ "This License" refers to version 3 of the GNU Affero General Public License.
+
+ "Copyright" also means copyright-like laws that apply to other kinds of
+ works, such as semiconductor masks.
+
+ "The Program" refers to any copyrightable work licensed under this
+ License.  Each licensee is addressed as "you".  "Licensees" and
+ "recipients" may be individuals or organizations.
+
+ To "modify" a work means to copy from or adapt all or part of the work
+ in a fashion requiring copyright permission, other than the making of an
+ exact copy.  The resulting work is called a "modified version" of the
+ earlier work or a work "based on" the earlier work.
+
+ A "covered work" means either the unmodified Program or a work based
+ on the Program.
+
+ To "propagate" a work means to do anything with it that, without
+ permission, would make you directly or secondarily liable for
+ infringement under applicable copyright law, except executing it on a
+ computer or modifying a private copy.  Propagation includes copying,
+ distribution (with or without modification), making available to the
+ public, and in some countries other activities as well.
+
+ To "convey" a work means any kind of propagation that enables other
+ parties to make or receive copies.  Mere interaction with a user through
+ a computer network, with no transfer of a copy, is not conveying.
+
+ An interactive user interface displays "Appropriate Legal Notices"
+ to the extent that it includes a convenient and prominently visible
+ feature that (1) displays an appropriate copyright notice, and (2)
+ tells the user that there is no warranty for the work (except to the
+ extent that warranties are provided), that licensees may convey the
+ work under this License, and how to view a copy of this License.  If
+ the interface presents a list of user commands or options, such as a
+ menu, a prominent item in the list meets this criterion.
+
+ 1. Source Code.
+
+ The "source code" for a work means the preferred form of the work
+ for making modifications to it.  "Object code" means any non-source
+ form of a work.
+
+ A "Standard Interface" means an interface that either is an official
+ standard defined by a recognized standards body, or, in the case of
+ interfaces specified for a particular programming language, one that
```

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```
+ is widely used among developers working in that language.
+
+ The "System Libraries" of an executable work include anything, other
+ than the work as a whole, that (a) is included in the normal form of
+ packaging a Major Component, but which is not part of that Major
+ Component, and (b) serves only to enable use of the work with that
+ Major Component, or to implement a Standard Interface for which an
+ implementation is available to the public in source code form.  A
+ "Major Component", in this context, means a major essential component
+ (kernel, window system, and so on) of the specific operating system
+ (if any) on which the executable work runs, or a compiler used to
+ produce the work, or an object code interpreter used to run it.
+
+ The "Corresponding Source" for a work in object code form means all
+ the source code needed to generate, install, and (for an executable
+ work) run the object code and to modify the work, including scripts to
+ control those activities.  However, it does not include the work's
+ System Libraries, or general-purpose tools or generally available free
+ programs which are used unmodified in performing those activities but
+ which are not part of the work.  For example, Corresponding Source
+ includes interface definition files associated with source files for
+ the work, and the source code for shared libraries and dynamically
+ linked subprograms that the work is specifically designed to require,
+ such as by intimate data communication or control flow between those
+ subprograms and other parts of the work.
+
+ The Corresponding Source need not include anything that users
+ can regenerate automatically from other parts of the Corresponding
+ Source.
+
+ The Corresponding Source for a work in source code form is that
+ same work.
+
+ 2. Basic Permissions.
+
+ All rights granted under this License are granted for the term of
+ copyright on the Program, and are irrevocable provided the stated
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+ permission to run the unmodified Program.  The output from running a
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+ You may make, run and propagate covered works that you do not
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+ of having them make modifications exclusively for you, or provide you
+ with facilities for running those works, provided that you comply with
+ the terms of this License in conveying all material for which you do
+ not control copyright.  Those thus making or running the covered works
+ for you must do so exclusively on your behalf, under your direction
+ and control, on terms that prohibit them from making any copies of
+ your copyrighted material outside their relationship with you.
+
+ Conveying under any other circumstances is permitted solely under
+ the conditions stated below.  Sublicensing is not allowed; section 10
+ makes it unnecessary.
+
+ 3. Protecting Users' Legal Rights From Anti-Circumvention Law.
+
+ No covered work shall be deemed part of an effective technological
+ measure under any applicable law fulfilling obligations under article
+ 11 of the WIPO copyright treaty adopted on 20 December 1996, or
```

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```
+ similar laws prohibiting or restricting circumvention of such
+ measures.
+
+ When you convey a covered work, you waive any legal power to forbid
+ circumvention of technological measures to the extent such circumvention
+ is effected by exercising rights under this License with respect to
+ the covered work, and you disclaim any intention to limit operation or
+ modification of the work as a means of enforcing, against the work's
+ users, your or third parties' legal rights to forbid circumvention of
+ technological measures.
+
+ 4. Conveying Verbatim Copies.
+
+ You may convey verbatim copies of the Program's source code as you
+ receive it, in any medium, provided that you conspicuously and
+ appropriately publish on each copy an appropriate copyright notice;
+ keep intact all notices stating that this License and any
+ non-permissive terms added in accord with section 7 apply to the code;
+ keep intact all notices of the absence of any warranty; and give all
+ recipients a copy of this License along with the Program.
+
+ You may charge any price or no price for each copy that you convey,
+ and you may offer support or warranty protection for a fee.
+
+ 5. Conveying Modified Source Versions.
+
+ You may convey a work based on the Program, or the modifications to
+ produce it from the Program, in the form of source code under the
+ terms of section 4, provided that you also meet all of these conditions:
+
+ a) The work must carry prominent notices stating that you modified
+ it, and giving a relevant date.
+
+ b) The work must carry prominent notices stating that it is
+ released under this License and any conditions added under section
+ 7.  This requirement modifies the requirement in section 4 to
+ "keep intact all notices".
+
+ c) You must license the entire work, as a whole, under this
+ License to anyone who comes into possession of a copy.  This
+ License will therefore apply, along with any applicable section 7
+ additional terms, to the whole of the work, and all its parts,
+ regardless of how they are packaged.  This License gives no
+ permission to license the work in any other way, but it does not
+ invalidate such permission if you have separately received it.
+
+ d) If the work has interactive user interfaces, each must display
+ Appropriate Legal Notices; however, if the Program has interactive
+ interfaces that do not display Appropriate Legal Notices, your
+ work need not make them do so.
+
+ A compilation of a covered work with other separate and independent
+ works, which are not by their nature extensions of the covered work,
+ and which are not combined with it such as to form a larger program,
+ in or on a volume of a storage or distribution medium, is called an
+ "aggregate" if the compilation and its resulting copyright are not
+ used to limit the access or legal rights of the compilation's users
+ beyond what the individual works permit.  Inclusion of a covered work
+ in an aggregate does not cause this License to apply to the other
+ parts of the aggregate.
+
+ 6. Conveying Non-Source Forms.
+
```

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```
+ You may convey a covered work in object code form under the terms
+ of sections 4 and 5, provided that you also convey the
+ machine-readable Corresponding Source under the terms of this License,
+ in one of these ways:
+
+ a) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by the
+ Corresponding Source fixed on a durable physical medium
+ customarily used for software interchange.
+
+ b) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by a
+ written offer, valid for at least three years and valid for as
+ long as you offer spare parts or customer support for that product
+ model, to give anyone who possesses the object code either (1) a
+ copy of the Corresponding Source for all the software in the
+ product that is covered by this License, on a durable physical
+ medium customarily used for software interchange, for a price no
+ more than your reasonable cost of physically performing this
+ conveying of source, or (2) access to copy the
+ Corresponding Source from a network server at no charge.
+
+ c) Convey individual copies of the object code with a copy of the
+ written offer to provide the Corresponding Source.  This
+ alternative is allowed only occasionally and noncommercially, and
+ only if you received the object code with such an offer, in accord
+ with subsection 6b.
+
+ d) Convey the object code by offering access from a designated
+ place (gratis or for a charge), and offer equivalent access to the
+ Corresponding Source in the same way through the same place at no
+ further charge.  You need not require recipients to copy the
+ Corresponding Source along with the object code.  If the place to
+ copy the object code is a network server, the Corresponding Source
+ may be on a different server (operated by you or a third party)
+ that supports equivalent copying facilities, provided you maintain
+ clear directions next to the object code saying where to find the
+ Corresponding Source.  Regardless of what server hosts the
+ Corresponding Source, you remain obligated to ensure that it is
+ available for as long as needed to satisfy these requirements.
+
+ e) Convey the object code using peer-to-peer transmission, provided
+ you inform other peers where the object code and Corresponding
+ Source of the work are being offered to the general public at no
+ charge under subsection 6d.
+
+ A separable portion of the object code, whose source code is excluded
+ from the Corresponding Source as a System Library, need not be
+ included in conveying the object code work.
+
+ A "User Product" is either (1) a "consumer product", which means any
+ tangible personal property which is normally used for personal, family,
+ or household purposes, or (2) anything designed or sold for incorporation
+ into a dwelling.  In determining whether a product is a consumer product,
+ doubtful cases shall be resolved in favor of coverage.  For a particular
+ product received by a particular user, "normally used" refers to a
+ typical or common use of that class of product, regardless of the status
+ of the particular user or of the way in which the particular user
+ actually uses, or expects or is expected to use, the product.  A product
+ is a consumer product regardless of whether the product has substantial
+ commercial, industrial or non-consumer uses, unless such uses represent
+ the only significant mode of use of the product.
+
```

```
+ "Installation Information" for a User Product means any methods,
+ procedures, authorization keys, or other information required to install
+ and execute modified versions of a covered work in that User Product from
+ a modified version of its Corresponding Source.  The information must
+ suffice to ensure that the continued functioning of the modified object
+ code is in no case prevented or interfered with solely because
+ modification has been made.
+
+ If you convey an object code work under this section in, or with, or
+ specifically for use in, a User Product, and the conveying occurs as
+ part of a transaction in which the right of possession and use of the
+ User Product is transferred to the recipient in perpetuity or for a
+ fixed term (regardless of how the transaction is characterized), the
+ Corresponding Source conveyed under this section must be accompanied
+ by the Installation Information.  But this requirement does not apply
+ if neither you nor any third party retains the ability to install
+ modified object code on the User Product (for example, the work has
+ been installed in ROM).
+
+ The requirement to provide Installation Information does not include a
+ requirement to continue to provide support service, warranty, or updates
+ for a work that has been modified or installed by the recipient, or for
+ the User Product in which it has been modified or installed.  Access to a
+ network may be denied when the modification itself materially and
+ adversely affects the operation of the network or violates the rules and
+ protocols for communication across the network.
+
+ Corresponding Source conveyed, and Installation Information provided,
+ in accord with this section must be in a format that is publicly
+ documented (and with an implementation available to the public in
+ source code form), and must require no special password or key for
+ unpacking, reading or copying.
+
+ 7. Additional Terms.
+
+ "Additional permissions" are terms that supplement the terms of this
+ License by making exceptions from one or more of its conditions.
+ Additional permissions that are applicable to the entire Program shall
+ be treated as though they were included in this License, to the extent
+ that they are valid under applicable law.  If additional permissions
+ apply only to part of the Program, that part may be used separately
+ under those permissions, but the entire Program remains governed by
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+ When you convey a copy of a covered work, you may at your option
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+ removal in certain cases when you modify the work.)  You may place
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+ Notwithstanding any other provision of this License, for material you
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+ b) Requiring preservation of specified reasonable legal notices or
+ author attributions in that material or in the Appropriate Legal
+ Notices displayed by works containing it; or
+
+ c) Prohibiting misrepresentation of the origin of that material, or
```

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```
+ requiring that modified versions of such material be marked in
+ reasonable ways as different from the original version; or
+
+ d) Limiting the use for publicity purposes of names of licensors or
+ authors of the material; or
+
+ e) Declining to grant rights under trademark law for use of some
+ trade names, trademarks, or service marks; or
+
+ f) Requiring indemnification of licensors and authors of that
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+ If you add terms to a covered work in accord with this section, you
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+ Additional terms, permissive or non-permissive, may be stated in the
+ form of a separately written license, or stated as exceptions;
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+ You may not propagate or modify a covered work except as expressly
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+ provisionally, unless and until the copyright holder explicitly and
+ finally terminates your license, and (b) permanently, if the copyright
+ holder fails to notify you of the violation by some reasonable means
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+
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```

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```
+
+ You are not required to accept this License in order to receive or
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+ occurring solely as a consequence of using peer-to-peer transmission
+ to receive a copy likewise does not require acceptance.  However,
+ nothing other than this License grants you permission to propagate or
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+ for enforcing compliance by third parties with this License.
+
+ An "entity transaction" is a transaction transferring control of an
+ organization, or substantially all assets of one, or subdividing an
+ organization, or merging organizations.  If propagation of a covered
+ work results from an entity transaction, each party to that
+ transaction who receives a copy of the work also receives whatever
+ licenses to the work the party's predecessor in interest had or could
+ give under the previous paragraph, plus a right to possession of the
+ Corresponding Source of the work from the predecessor in interest, if
+ the predecessor has it or can get it with reasonable efforts.
+
+ You may not impose any further restrictions on the exercise of the
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+ 11. Patents.
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+ A contributor's "essential patent claims" are all patent claims
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+ In the following three paragraphs, a "patent license" is any express
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+ sue for patent infringement).  To "grant" such a patent license to a
+ party means to make such an agreement or commitment not to enforce a
+ patent against the party.
+
```

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```
+ If you convey a covered work, knowingly relying on a patent license,
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+ to copy, free of charge and under the terms of this License, through a
+ publicly available network server or other readily accessible means,
+ then you must either (1) cause the Corresponding Source to be so
+ available, or (2) arrange to deprive yourself of the benefit of the
+ patent license for this particular work, or (3) arrange, in a manner
+ consistent with the requirements of this License, to extend the patent
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+ actual knowledge that, but for the patent license, your conveying the
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+ in a country, would infringe one or more identifiable patents in that
+ country that you have reason to believe are valid.
+
+ If, pursuant to or in connection with a single transaction or
+ arrangement, you convey, or propagate by procuring conveyance of, a
+ covered work, and grant a patent license to some of the parties
+ receiving the covered work authorizing them to use, propagate, modify
+ or convey a specific copy of the covered work, then the patent license
+ you grant is automatically extended to all recipients of the covered
+ work and works based on it.
+
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+ License would be to refrain entirely from conveying the Program.
+
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+ Notwithstanding any other provision of this License, if you modify the
+ Program, your modified version must prominently offer all users
+ interacting with it remotely through a computer network (if your version
+ supports such interaction) an opportunity to receive the Corresponding
+ Source of your version by providing access to the Corresponding Source
+ from a network server at no charge, through some standard or customary
+ means of facilitating copying of software.  This Corresponding Source
+ shall include the Corresponding Source for any work covered by version 3
```

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```
+ of the GNU General Public License that is incorporated pursuant to the
+ following paragraph.
+
+ Notwithstanding any other provision of this License, you have
+ permission to link or combine any covered work with a work licensed
+ under version 3 of the GNU General Public License into a single
+ combined work, and to convey the resulting work.  The terms of this
+ License will continue to apply to the part which is the covered work,
+ but the work with which it is combined will remain governed by version
+ 3 of the GNU General Public License.
+
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+ The Free Software Foundation may publish revised and/or new versions of
+ the GNU Affero General Public License from time to time.  Such new versions
+ will be similar in spirit to the present version, but may differ in detail to
+ address new problems or concerns.
+
+ Each version is given a distinguishing version number.  If the
+ Program specifies that a certain numbered version of the GNU Affero General
+ Public License "or any later version" applies to it, you have the
+ option of following the terms and conditions either of that numbered
+ version or of any later version published by the Free Software
+ Foundation.  If the Program does not specify a version number of the
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+ If the Program specifies that a proxy can decide which future
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+ Later license versions may give you additional or different
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+ 15. Disclaimer of Warranty.
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+ THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY
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+ HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY
+ OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO,
+ THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
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+ IS WITH YOU.  SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF
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+ WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS
+ THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY
+ GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE
+ USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF
+ DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD
+ PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS),
+ EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF
+ SUCH DAMAGES.
+
+ 17. Interpretation of Sections 15 and 16.
+
+ If the disclaimer of warranty and limitation of liability provided
```

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+ above cannot be given local legal effect according to their terms,
+ reviewing courts shall apply local law that most closely approximates
+ an absolute waiver of all civil liability in connection with the
+ Program, unless a warranty or assumption of liability accompanies a
+ copy of the Program in return for a fee.
+
+ END OF TERMS AND CONDITIONS
+
+ How to Apply These Terms to Your New Programs
+
+ If you develop a new program, and you want it to be of the greatest
+ possible use to the public, the best way to achieve this is to make it
+ free software which everyone can redistribute and change under these terms.
+
+ To do so, attach the following notices to the program.  It is safest
+ to attach them to the start of each source file to most effectively
+ state the exclusion of warranty; and each file should have at least
+ the "copyright" line and a pointer to where the full notice is found.
+
+ <one line to give the program's name and a brief idea of what it does.>
+ Copyright (C) <year>  <name of author>
+
+ This program is free software: you can redistribute it and/or modify
+ it under the terms of the GNU Affero General Public License as published by
+ the Free Software Foundation, either version 3 of the License, or
+ (at your option) any later version.
+
+ This program is distributed in the hope that it will be useful,
+ but WITHOUT ANY WARRANTY; without even the implied warranty of
+ MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the
+ GNU Affero General Public License for more details.
+
+ You should have received a copy of the GNU Affero General Public License
+ along with this program.  If not, see <https://www.gnu.org/licenses/>.
+
+ Also add information on how to contact you by electronic and paper mail.
+
+ If your software can interact with users remotely through a computer
+ network, you should also make sure that it provides a way for users to
+ get its source.  For example, if your program is a web application, its
+ interface could display a "Source" link that leads users to an archive
+ of the code.  There are many ways you could offer source, and different
+ solutions will be better for different programs; see section 13 for the
+ specific requirements.
+
+ You should also get your employer (if you work as a programmer) or school,
+ if any, to sign a "copyright disclaimer" for the program, if necessary.
+ For more information on this, and how to apply and follow the GNU AGPL, see
+ <https://www.gnu.org/licenses/>.
```

486 enterprise/auth-plugin-api/LICENSE.txt

```
@@ -1,51 +1,35 @@
- NOTICE
- This package contains software licensed under different
- licenses, please refer to the NOTICE.txt file for further
- information and LICENSES.txt for full license texts.
+ GNU AFFERO GENERAL PUBLIC LICENSE
+    Version 3, 19 November 2007

- Neo4j Enterprise object code can be licensed independently from
- the source under separate commercial terms. Email inquiries can be
- directed to: licensing@neo4j.com. More information is also
```

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```
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+ Preamble

-
-
-                    GNU AFFERO GENERAL PUBLIC LICENSE
-                       Version 3, 19 November 2007
-
-  Copyright (C) 2007 Free Software Foundation, Inc. <http://fsf.org/>
-  Everyone is permitted to copy and distribute verbatim copies
-  of this license document, but changing it is not allowed.
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-                            Preamble
-
-   The GNU Affero General Public License is a free, copyleft license
- for software and other kinds of works, specifically designed to ensure
+ The GNU Affero General Public License is a free, copyleft license for
+ software and other kinds of works, specifically designed to ensure
  cooperation with the community in the case of network server software.

- __The licenses for most software and other practical works are
- designed to take away your freedom to share and change the works.  By
- contrast, our General Public Licenses are intended to guarantee your
- freedom to share and change all versions of a program--to make sure it
- remains free software for all its users.
+ The licenses for most software and other practical works are designed
+ to take away your freedom to share and change the works.  By contrast,
+ our General Public Licenses are intended to guarantee your freedom to
+ share and change all versions of a program--to make sure it remains free
+ software for all its users.

- __When we speak of free software, we are referring to freedom, not
+ When we speak of free software, we are referring to freedom, not
  price.  Our General Public Licenses are designed to make sure that you
  have the freedom to distribute copies of free software (and charge for
  them if you wish), that you receive source code or can get it if you
  want it, that you can change the software or use pieces of it in new
  free programs, and that you know you can do these things.

- __Developers that use our General Public Licenses protect your rights
+ Developers that use our General Public Licenses protect your rights
  with two steps: (1) assert copyright on the software, and (2) offer
  you this License which gives you legal permission to copy, distribute
  and/or modify the software.

- __A secondary benefit of defending all users' freedom is that
+ A secondary benefit of defending all users' freedom is that
  improvements made in alternate versions of the program, if they
  receive widespread use, become available for other developers to
  incorporate.  Many developers of free software are heartened and
  letting the public access it on a server without ever releasing its
  source code to the public.

- __The GNU Affero General Public License is designed specifically to
+ The GNU Affero General Public License is designed specifically to
  ensure that, in such cases, the modified source code becomes available
```

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```
to the community.  It requires the operator of a network server to
provide the source code of the modified version running there to the
users of that server.  Therefore, public use of a modified version, on
a publicly accessible server, gives the public access to the source
code of the modified version.

-  An older license, called the Affero General Public License and
+ An older license, called the Affero General Public License and
published by Affero, was designed to accomplish similar goals.  This is
a different license, not a version of the Affero GPL, but Affero has
released a new version of the Affero GPL which permits relicensing under
this license.

-  The precise terms and conditions for copying, distribution and
+ The precise terms and conditions for copying, distribution and
modification follow.

-                       TERMS AND CONDITIONS
+ TERMS AND CONDITIONS
+
+ 0. Definitions.

-   0. Definitions.
+ "This License" refers to version 3 of the GNU Affero General Public License.

-   "This License" refers to version 3 of the GNU Affero General Public
- License.
+ "Copyright" also means copyright-like laws that apply to other kinds of
+ works, such as semiconductor masks.

-   "Copyright" also means copyright-like laws that apply to other kinds
- of works, such as semiconductor masks.
-
-   "The Program" refers to any copyrightable work licensed under this
+ "The Program" refers to any copyrightable work licensed under this
License.  Each licensee is addressed as "you".  "Licensees" and
"recipients" may be individuals or organizations.

-  To "modify" a work means to copy from or adapt all or part of the work
+ To "modify" a work means to copy from or adapt all or part of the work
in a fashion requiring copyright permission, other than the making of an
exact copy.  The resulting work is called a "modified version" of the
earlier work or a work "based on" the earlier work.

-  A "covered work" means either the unmodified Program or a work based
+ A "covered work" means either the unmodified Program or a work based
on the Program.

-  To "propagate" a work means to do anything with it that, without
+ To "propagate" a work means to do anything with it that, without
permission, would make you directly or secondarily liable for
infringement under applicable copyright law, except executing it on a
computer or modifying a private copy.  Propagation includes copying,
distribution (with or without modification), making available to the
public, and in some countries other activities as well.

-  To "convey" a work means any kind of propagation that enables other
+ To "convey" a work means any kind of propagation that enables other
parties to make or receive copies.  Mere interaction with a user through
a computer network, with no transfer of a copy, is not conveying.

-  An interactive user interface displays "Appropriate Legal Notices"
+ An interactive user interface displays "Appropriate Legal Notices"
```

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```
   to the extent that it includes a convenient and prominently visible
   feature that (1) displays an appropriate copyright notice, and (2)
   tells the user that there is no warranty for the work (except to the
   the interface presents a list of user commands or options, such as a
   menu, a prominent item in the list meets this criterion.

- __1. Source Code.
+ 1. Source Code.

- __The "source code" for a work means the preferred form of the work
+ The "source code" for a work means the preferred form of the work
   for making modifications to it.  "Object code" means any non-source
   form of a work.

- __A "Standard Interface" means an interface that either is an official
+ A "Standard Interface" means an interface that either is an official
   standard defined by a recognized standards body, or, in the case of
   interfaces specified for a particular programming language, one that
   is widely used among developers working in that language.

- __The "System Libraries" of an executable work include anything, other
+ The "System Libraries" of an executable work include anything, other
   than the work as a whole, that (a) is included in the normal form of
   packaging a Major Component, but which is not part of that Major
   Component, and (b) serves only to enable use of the work with that
   (if any) on which the executable work runs, or a compiler used to
   produce the work, or an object code interpreter used to run it.

- __The "Corresponding Source" for a work in object code form means all
+ The "Corresponding Source" for a work in object code form means all
   the source code needed to generate, install, and (for an executable
   work) run the object code and to modify the work, including scripts to
   control those activities.  However, it does not include the work's
   such as by intimate data communication or control flow between those
   subprograms and other parts of the work.

- __The Corresponding Source need not include anything that users
+ The Corresponding Source need not include anything that users
   can regenerate automatically from other parts of the Corresponding
   Source.

- __The Corresponding Source for a work in source code form is that
+ The Corresponding Source for a work in source code form is that
   same work.

- __2. Basic Permissions.
+ 2. Basic Permissions.

- __All rights granted under this License are granted for the term of
+ All rights granted under this License are granted for the term of
   copyright on the Program, and are irrevocable provided the stated
   conditions are met.  This License explicitly affirms your unlimited
   permission to run the unmodified Program.  The output from running a
   covered work is covered by this License only if the output, given its
   content, constitutes a covered work.  This License acknowledges your
   rights of fair use or other equivalent, as provided by copyright law.

- __You may make, run and propagate covered works that you do not
+ You may make, run and propagate covered works that you do not
   convey, without conditions so long as your license otherwise remains
   in force.  You may convey covered works to others for the sole purpose
   of having them make modifications exclusively for you, or provide you
   and control, on terms that prohibit them from making any copies of
```

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178 161   your copyrighted material outside their relationship with you.
179 162
180       - __Conveying under any other circumstances is permitted solely under
    163   + Conveying under any other circumstances is permitted solely under
181 164   the conditions stated below.  Sublicensing is not allowed; section 10
182 165   makes it unnecessary.
183 166
184       - __3. Protecting Users' Legal Rights From Anti-Circumvention Law.
    167   + 3. Protecting Users' Legal Rights From Anti-Circumvention Law.
185 168
186       - __No covered work shall be deemed part of an effective technological
    169   + No covered work shall be deemed part of an effective technological
187 170   measure under any applicable law fulfilling obligations under article
188 171   11 of the WIPO copyright treaty adopted on 20 December 1996, or
189 172   similar laws prohibiting or restricting circumvention of such
190 173   measures.
191 174
192       - __When you convey a covered work, you waive any legal power to forbid
    175   + When you convey a covered work, you waive any legal power to forbid
193 176   circumvention of technological measures to the extent such circumvention
194 177   is effected by exercising rights under this License with respect to
195 178   the covered work, and you disclaim any intention to limit operation or
196 179   modification of the work as a means of enforcing, against the work's
197 180   users, your or third parties' legal rights to forbid circumvention of
198 181   technological measures.
199 182
200       - __4. Conveying Verbatim Copies.
    183   + 4. Conveying Verbatim Copies.
201 184
202       - __You may convey verbatim copies of the Program's source code as you
    185   + You may convey verbatim copies of the Program's source code as you
203 186   receive it, in any medium, provided that you conspicuously and
204 187   appropriately publish on each copy an appropriate copyright notice;
205 188   keep intact all notices stating that this License and any
206 189   non-permissive terms added in accord with section 7 apply to the code;
207 190   keep intact all notices of the absence of any warranty; and give all
208 191   recipients a copy of this License along with the Program.
209 192
210       - __You may charge any price or no price for each copy that you convey,
    193   + You may charge any price or no price for each copy that you convey,
211 194   and you may offer support or warranty protection for a fee.
212 195
213       - __5. Conveying Modified Source Versions.
    196   + 5. Conveying Modified Source Versions.
214 197
215       - __You may convey a work based on the Program, or the modifications to
    198   + You may convey a work based on the Program, or the modifications to
216 199   produce it from the Program, in the form of source code under the
217 200   terms of section 4, provided that you also meet all of these conditions:
218 201
219       - ____a) The work must carry prominent notices stating that you modified
220       - ____it, and giving a relevant date.
    202   + a) The work must carry prominent notices stating that you modified
    203   + it, and giving a relevant date.
221 204
222       - ____b) The work must carry prominent notices stating that it is
223       - ____released under this License and any conditions added under section
224       - ____7.  This requirement modifies the requirement in section 4 to
225       - ____"keep intact all notices".
    205   + b) The work must carry prominent notices stating that it is
    206   + released under this License and any conditions added under section
    207   + 7.  This requirement modifies the requirement in section 4 to
    208   + "keep intact all notices".
```

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```
- ____c) You must license the entire work, as a whole, under this
- ____License to anyone who comes into possession of a copy.  This
- ____License will therefore apply, along with any applicable section 7
- ____additional terms, to the whole of the work, and all its parts,
- ____regardless of how they are packaged.  This License gives no
- ____permission to license the work in any other way, but it does not
- ____invalidate such permission if you have separately received it.
+ c) You must license the entire work, as a whole, under this
+ License to anyone who comes into possession of a copy.  This
+ License will therefore apply, along with any applicable section 7
+ additional terms, to the whole of the work, and all its parts,
+ regardless of how they are packaged.  This License gives no
+ permission to license the work in any other way, but it does not
+ invalidate such permission if you have separately received it.

- ____d) If the work has interactive user interfaces, each must display
- ____Appropriate Legal Notices; however, if the Program has interactive
- ____interfaces that do not display Appropriate Legal Notices, your
- ____work need not make them do so.
+ d) If the work has interactive user interfaces, each must display
+ Appropriate Legal Notices; however, if the Program has interactive
+ interfaces that do not display Appropriate Legal Notices, your
+ work need not make them do so.

- __A compilation of a covered work with other separate and independent
+ A compilation of a covered work with other separate and independent
  works, which are not by their nature extensions of the covered work,
  and which are not combined with it such as to form a larger program,
  in or on a volume of a storage or distribution medium, is called an
  in an aggregate does not cause this License to apply to the other
  parts of the aggregate.

- __6. Conveying Non-Source Forms.
+ 6. Conveying Non-Source Forms.

- __You may convey a covered work in object code form under the terms
+ You may convey a covered work in object code form under the terms
  of sections 4 and 5, provided that you also convey the
  machine-readable Corresponding Source under the terms of this License,
  in one of these ways:

- ____a) Convey the object code in, or embodied in, a physical product
- ____(including a physical distribution medium), accompanied by the
- ____Corresponding Source fixed on a durable physical medium
- ____customarily used for software interchange.
-
- ____b) Convey the object code in, or embodied in, a physical product
- ____(including a physical distribution medium), accompanied by a
- ____written offer, valid for at least three years and valid for as
- ____long as you offer spare parts or customer support for that product
- ____model, to give anyone who possesses the object code either (1) a
- ____copy of the Corresponding Source for all the software in the
- ____product that is covered by this License, on a durable physical
- ____medium customarily used for software interchange, for a price no
- ____more than your reasonable cost of physically performing this
- ____conveying of source, or (2) access to copy the
- ____Corresponding Source from a network server at no charge.
-
- ____c) Convey individual copies of the object code with a copy of the
- ____written offer to provide the Corresponding Source.  This
- ____alternative is allowed only occasionally and noncommercially, and
- ____only if you received the object code with such an offer, in accord
```

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```
- with subsection 6b.
-
- d) Convey the object code by offering access from a designated
- place (gratis or for a charge), and offer equivalent access to the
- Corresponding Source in the same way through the same place at no
- further charge.  You need not require recipients to copy the
- Corresponding Source along with the object code.  If the place to
- copy the object code is a network server, the Corresponding Source
- may be on a different server (operated by you or a third party)
- that supports equivalent copying facilities, provided you maintain
- clear directions next to the object code saying where to find the
- Corresponding Source.  Regardless of what server hosts the
- Corresponding Source, you remain obligated to ensure that it is
- available for as long as needed to satisfy these requirements.
-
- e) Convey the object code using peer-to-peer transmission, provided
- you inform other peers where the object code and Corresponding
- Source of the work are being offered to the general public at no
- charge under subsection 6d.
-
- A separable portion of the object code, whose source code is excluded
+ a) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by the
+ Corresponding Source fixed on a durable physical medium
+ customarily used for software interchange.
+
+ b) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by a
+ written offer, valid for at least three years and valid for as
+ long as you offer spare parts or customer support for that product
+ model, to give anyone who possesses the object code either (1) a
+ copy of the Corresponding Source for all the software in the
+ product that is covered by this License, on a durable physical
+ medium customarily used for software interchange, for a price no
+ more than your reasonable cost of physically performing this
+ conveying of source, or (2) access to copy the
+ Corresponding Source from a network server at no charge.
+
+ c) Convey individual copies of the object code with a copy of the
+ written offer to provide the Corresponding Source.  This
+ alternative is allowed only occasionally and noncommercially, and
+ only if you received the object code with such an offer, in accord
+ with subsection 6b.
+
+ d) Convey the object code by offering access from a designated
+ place (gratis or for a charge), and offer equivalent access to the
+ Corresponding Source in the same way through the same place at no
+ further charge.  You need not require recipients to copy the
+ Corresponding Source along with the object code.  If the place to
+ copy the object code is a network server, the Corresponding Source
+ may be on a different server (operated by you or a third party)
+ that supports equivalent copying facilities, provided you maintain
+ clear directions next to the object code saying where to find the
+ Corresponding Source.  Regardless of what server hosts the
+ Corresponding Source, you remain obligated to ensure that it is
+ available for as long as needed to satisfy these requirements.
+
+ e) Convey the object code using peer-to-peer transmission, provided
+ you inform other peers where the object code and Corresponding
+ Source of the work are being offered to the general public at no
+ charge under subsection 6d.
+
+ A separable portion of the object code, whose source code is excluded
```

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```
299 282   from the Corresponding Source as a System Library, need not be
300 283   included in conveying the object code work.
301 284
302     - __A "User Product" is either (1) a "consumer product", which means any
    285 + A "User Product" is either (1) a "consumer product", which means any
303 286   tangible personal property which is normally used for personal, family,
304 287   or household purposes, or (2) anything designed or sold for incorporation
305 288   into a dwelling.  In determining whether a product is a consumer product,
312 295   commercial, industrial or non-consumer uses, unless such uses represent
313 296   the only significant mode of use of the product.
314 297
315     - __"Installation Information" for a User Product means any methods,
    298 + "Installation Information" for a User Product means any methods,
316 299   procedures, authorization keys, or other information required to install
317 300   and execute modified versions of a covered work in that User Product from
318 301   a modified version of its Corresponding Source.  The information must
319 302   suffice to ensure that the continued functioning of the modified object
320 303   code is in no case prevented or interfered with solely because
321 304   modification has been made.
322 305
323     - __If you convey an object code work under this section in, or with, or
    306 + If you convey an object code work under this section in, or with, or
324 307   specifically for use in, a User Product, and the conveying occurs as
325 308   part of a transaction in which the right of possession and use of the
326 309   User Product is transferred to the recipient in perpetuity or for a
331 314   modified object code on the User Product (for example, the work has
332 315   been installed in ROM).
333 316
334     - __The requirement to provide Installation Information does not include a
    317 + The requirement to provide Installation Information does not include a
335 318   requirement to continue to provide support service, warranty, or updates
336 319   for a work that has been modified or installed by the recipient, or for
337 320   the User Product in which it has been modified or installed.  Access to a
338 321   network may be denied when the modification itself materially and
339 322   adversely affects the operation of the network or violates the rules and
340 323   protocols for communication across the network.
341 324
342     - __Corresponding Source conveyed, and Installation Information provided,
    325 + Corresponding Source conveyed, and Installation Information provided,
343 326   in accord with this section must be in a format that is publicly
344 327   documented (and with an implementation available to the public in
345 328   source code form), and must require no special password or key for
346 329   unpacking, reading or copying.
347 330
348     - __7. Additional Terms.
    331 + 7. Additional Terms.
349 332
350     - __"Additional permissions" are terms that supplement the terms of this
    333 + "Additional permissions" are terms that supplement the terms of this
351 334   License by making exceptions from one or more of its conditions.
352 335   Additional permissions that are applicable to the entire Program shall
353 336   be treated as though they were included in this License, to the extent
356 339   under those permissions, but the entire Program remains governed by
357 340   this License without regard to the additional permissions.
358 341
359     - __When you convey a copy of a covered work, you may at your option
    342 + When you convey a copy of a covered work, you may at your option
360 343   remove any additional permissions from that copy, or from any part of
361 344   it.  (Additional permissions may be written to require their own
362 345   removal in certain cases when you modify the work.)  You may place
363 346   additional permissions on material, added by you to a covered work,
364 347   for which you have or can give appropriate copyright permission.
365 348
```

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+ 1. Source Code.

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```
-  __The "Corresponding Source" for a work in object code form means all
+ The "Corresponding Source" for a work in object code form means all
   the source code needed to generate, install, and (for an executable
   work) run the object code and to modify the work, including scripts to
   control those activities.  However, it does not include the work's
   such as by intimate data communication or control flow between those
   subprograms and other parts of the work.

-  __The Corresponding Source need not include anything that users
+ The Corresponding Source need not include anything that users
   can regenerate automatically from other parts of the Corresponding
   Source.

-  __The Corresponding Source for a work in source code form is that
+ The Corresponding Source for a work in source code form is that
   same work.

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+ 2. Basic Permissions.

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   covered work is covered by this License only if the output, given its
   content, constitutes a covered work.  This License acknowledges your
   rights of fair use or other equivalent, as provided by copyright law.

-  __You may make, run and propagate covered works that you do not
+ You may make, run and propagate covered works that you do not
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   of having them make modifications exclusively for you, or provide you
   and control, on terms that prohibit them from making any copies of
   your copyrighted material outside their relationship with you.

-  __Conveying under any other circumstances is permitted solely under
+ Conveying under any other circumstances is permitted solely under
   the conditions stated below.  Sublicensing is not allowed; section 10
   makes it unnecessary.

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+ 3. Protecting Users' Legal Rights From Anti-Circumvention Law.

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+ No covered work shall be deemed part of an effective technological
   measure under any applicable law fulfilling obligations under article
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   similar laws prohibiting or restricting circumvention of such
   measures.

-  __When you convey a covered work, you waive any legal power to forbid
+ When you convey a covered work, you waive any legal power to forbid
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   the covered work, and you disclaim any intention to limit operation or
   modification of the work as a means of enforcing, against the work's
   users, your or third parties' legal rights to forbid circumvention of
   technological measures.

-  __4. Conveying Verbatim Copies.
```

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```
@@ -183,7 +183,7 @@
+ 4. Conveying Verbatim Copies.

@@ -201,7 +184,7 @@
-  You may convey verbatim copies of the Program's source code as you
+ You may convey verbatim copies of the Program's source code as you
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  non-permissive terms added in accord with section 7 apply to the code;
  keep intact all notices of the absence of any warranty; and give all
  recipients a copy of this License along with the Program.

@@ -210,7 +192,7 @@
-  You may charge any price or no price for each copy that you convey,
+ You may charge any price or no price for each copy that you convey,
  and you may offer support or warranty protection for a fee.

@@ -213,7 +195,7 @@
-  5. Conveying Modified Source Versions.
+ 5. Conveying Modified Source Versions.

@@ -215,7 +197,7 @@
-  You may convey a work based on the Program, or the modifications to
+ You may convey a work based on the Program, or the modifications to
  produce it from the Program, in the form of source code under the
  terms of section 4, provided that you also meet all of these conditions:

@@ -219,9 +201,9 @@
-     a) The work must carry prominent notices stating that you modified
-     it, and giving a relevant date.
+ a) The work must carry prominent notices stating that you modified
+ it, and giving a relevant date.

@@ -222,11 +204,11 @@
-     b) The work must carry prominent notices stating that it is
-     released under this License and any conditions added under section
-     7.  This requirement modifies the requirement in section 4 to
-     "keep intact all notices".
+ b) The work must carry prominent notices stating that it is
+ released under this License and any conditions added under section
+ 7.  This requirement modifies the requirement in section 4 to
+ "keep intact all notices".

@@ -227,16 +209,16 @@
-     c) You must license the entire work, as a whole, under this
-     License to anyone who comes into possession of a copy.  This
-     License will therefore apply, along with any applicable section 7
-     additional terms, to the whole of the work, and all its parts,
-     regardless of how they are packaged.  This License gives no
-     permission to license the work in any other way, but it does not
-     invalidate such permission if you have separately received it.
+ c) You must license the entire work, as a whole, under this
+ License to anyone who comes into possession of a copy.  This
+ License will therefore apply, along with any applicable section 7
+ additional terms, to the whole of the work, and all its parts,
+ regardless of how they are packaged.  This License gives no
+ permission to license the work in any other way, but it does not
+ invalidate such permission if you have separately received it.

@@ -235,11 +217,11 @@
-     d) If the work has interactive user interfaces, each must display
-     Appropriate Legal Notices; however, if the Program has interactive
-     interfaces that do not display Appropriate Legal Notices, your
-     work need not make them do so.
+ d) If the work has interactive user interfaces, each must display
+ Appropriate Legal Notices; however, if the Program has interactive
+ interfaces that do not display Appropriate Legal Notices, your
+ work need not make them do so.

@@ -240,7 +222,7 @@
-  A compilation of a covered work with other separate and independent
+ A compilation of a covered work with other separate and independent
```

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```
works, which are not by their nature extensions of the covered work,
and which are not combined with it such as to form a larger program,
in or on a volume of a storage or distribution medium, is called an
in an aggregate does not cause this License to apply to the other
parts of the aggregate.

- __6. Conveying Non-Source Forms.
+ 6. Conveying Non-Source Forms.

- __You may convey a covered work in object code form under the terms
+ You may convey a covered work in object code form under the terms
of sections 4 and 5, provided that you also convey the
machine-readable Corresponding Source under the terms of this License,
in one of these ways:

- ____a) Convey the object code in, or embodied in, a physical product
- ____(including a physical distribution medium), accompanied by the
- ____Corresponding Source fixed on a durable physical medium
- ____customarily used for software interchange.
-
- ____b) Convey the object code in, or embodied in, a physical product
- ____(including a physical distribution medium), accompanied by a
- ____written offer, valid for at least three years and valid for as
- ____long as you offer spare parts or customer support for that product
- ____model, to give anyone who possesses the object code either (1) a
- ____copy of the Corresponding Source for all the software in the
- ____product that is covered by this License, on a durable physical
- ____medium customarily used for software interchange, for a price no
- ____more than your reasonable cost of physically performing this
- ____conveying of source, or (2) access to copy the
- ____Corresponding Source from a network server at no charge.
-
- ____c) Convey individual copies of the object code with a copy of the
- ____written offer to provide the Corresponding Source.  This
- ____alternative is allowed only occasionally and noncommercially, and
- ____only if you received the object code with such an offer, in accord
- ____with subsection 6b.
-
- ____d) Convey the object code by offering access from a designated
- ____place (gratis or for a charge), and offer equivalent access to the
- ____Corresponding Source in the same way through the same place at no
- ____further charge.  You need not require recipients to copy the
- ____Corresponding Source along with the object code.  If the place to
- ____copy the object code is a network server, the Corresponding Source
- ____may be on a different server (operated by you or a third party)
- ____that supports equivalent copying facilities, provided you maintain
- ____clear directions next to the object code saying where to find the
- ____Corresponding Source.  Regardless of what server hosts the
- ____Corresponding Source, you remain obligated to ensure that it is
- ____available for as long as needed to satisfy these requirements.
-
- ____e) Convey the object code using peer-to-peer transmission, provided
- ____you inform other peers where the object code and Corresponding
- ____Source of the work are being offered to the general public at no
- ____charge under subsection 6d.
-
- __A separable portion of the object code, whose source code is excluded
+ a) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by the
+ Corresponding Source fixed on a durable physical medium
+ customarily used for software interchange.
+
+ b) Convey the object code in, or embodied in, a physical product
```

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```
+ (including a physical distribution medium), accompanied by a
+ written offer, valid for at least three years and valid for as
+ long as you offer spare parts or customer support for that product
+ model, to give anyone who possesses the object code either (1) a
+ copy of the Corresponding Source for all the software in the
+ product that is covered by this License, on a durable physical
+ medium customarily used for software interchange, for a price no
+ more than your reasonable cost of physically performing this
+ conveying of source, or (2) access to copy the
+ Corresponding Source from a network server at no charge.
+
+ c) Convey individual copies of the object code with a copy of the
+ written offer to provide the Corresponding Source.  This
+ alternative is allowed only occasionally and noncommercially, and
+ only if you received the object code with such an offer, in accord
+ with subsection 6b.
+
+ d) Convey the object code by offering access from a designated
+ place (gratis or for a charge), and offer equivalent access to the
+ Corresponding Source in the same way through the same place at no
+ further charge.  You need not require recipients to copy the
+ Corresponding Source along with the object code.  If the place to
+ copy the object code is a network server, the Corresponding Source
+ may be on a different server (operated by you or a third party)
+ that supports equivalent copying facilities, provided you maintain
+ clear directions next to the object code saying where to find the
+ Corresponding Source.  Regardless of what server hosts the
+ Corresponding Source, you remain obligated to ensure that it is
+ available for as long as needed to satisfy these requirements.
+
+ e) Convey the object code using peer-to-peer transmission, provided
+ you inform other peers where the object code and Corresponding
+ Source of the work are being offered to the general public at no
+ charge under subsection 6d.
+
+ A separable portion of the object code, whose source code is excluded
  from the Corresponding Source as a System Library, need not be
  included in conveying the object code work.

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+ A "User Product" is either (1) a "consumer product", which means any
  tangible personal property which is normally used for personal, family,
  or household purposes, or (2) anything designed or sold for incorporation
  into a dwelling.  In determining whether a product is a consumer product,
  commercial, industrial or non-consumer uses, unless such uses represent
  the only significant mode of use of the product.

- __"Installation Information" for a User Product means any methods,
+ "Installation Information" for a User Product means any methods,
  procedures, authorization keys, or other information required to install
  and execute modified versions of a covered work in that User Product from
  a modified version of its Corresponding Source.  The information must
  suffice to ensure that the continued functioning of the modified object
  code is in no case prevented or interfered with solely because
  modification has been made.

- __If you convey an object code work under this section in, or with, or
+ If you convey an object code work under this section in, or with, or
  specifically for use in, a User Product, and the conveying occurs as
  part of a transaction in which the right of possession and use of the
  User Product is transferred to the recipient in perpetuity or for a
  modified object code on the User Product (for example, the work has
  been installed in ROM).
```

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```
-  __The requirement to provide Installation Information does not include a
+ The requirement to provide Installation Information does not include a
   requirement to continue to provide support service, warranty, or updates
   for a work that has been modified or installed by the recipient, or for
   the User Product in which it has been modified or installed.  Access to a
   network may be denied when the modification itself materially and
   adversely affects the operation of the network or violates the rules and
   protocols for communication across the network.

-  __Corresponding Source conveyed, and Installation Information provided,
+ Corresponding Source conveyed, and Installation Information provided,
   in accord with this section must be in a format that is publicly
   documented (and with an implementation available to the public in
   source code form), and must require no special password or key for
   unpacking, reading or copying.

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+ 7. Additional Terms.

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-  ____authors of the material; or
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366
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385 -    trade names, trademarks, or service marks; or
367 + e) Declining to grant rights under trademark law for use of some
368 + trade names, trademarks, or service marks; or
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407 390
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409 392   form of a separately written license, or stated as exceptions;
410 393   the above requirements apply either way.
411 394
412 -  8. Termination.
395 + 8. Termination.
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423 406   finally terminates your license, and (b) permanently, if the copyright
424 407   holder fails to notify you of the violation by some reasonable means
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prior to 60 days after the cessation.

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+ 10. Automatic Licensing of Downstream Recipients.

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+ 11. Patents.

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+ 12. No Surrender of Others' Freedom.

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  HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY
  OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO,
  IS WITH YOU.  SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF
  ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

- __16. Limitation of Liability.
+ 16. Limitation of Liability.

- __IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING
+ IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING
  WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS
  THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY
  GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE
  EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF
  SUCH DAMAGES.

- __17. Interpretation of Sections 15 and 16.
+ 17. Interpretation of Sections 15 and 16.

- __If the disclaimer of warranty and limitation of liability provided
+ If the disclaimer of warranty and limitation of liability provided
  above cannot be given local legal effect according to their terms,
  reviewing courts shall apply local law that most closely approximates
  an absolute waiver of all civil liability in connection with the
  Program, unless a warranty or assumption of liability accompanies a
  copy of the Program in return for a fee.

- _____END OF TERMS AND CONDITIONS
+ END OF TERMS AND CONDITIONS

- _____How to Apply These Terms to Your New Programs
+ How to Apply These Terms to Your New Programs

- __If you develop a new program, and you want it to be of the greatest
+ If you develop a new program, and you want it to be of the greatest
  possible use to the public, the best way to achieve this is to make it
  free software which everyone can redistribute and change under these terms.

- __To do so, attach the following notices to the program.  It is safest
+ To do so, attach the following notices to the program.  It is safest
  to attach them to the start of each source file to most effectively
  state the exclusion of warranty; and each file should have at least
  the "copyright" line and a pointer to where the full notice is found.

- ____<one line to give the program's name and a brief idea of what it does.>
- ____Copyright (C) <year>  <name of author>
```

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```
632 + <one line to give the program's name and a brief idea of what it does.>
633 + Copyright (C) <year>  <name of author>
651 634
652     - ___This program is free software: you can redistribute it and/or modify
653     - ___it under the terms of the GNU Affero General Public License as
654     - ___published by the Free Software Foundation, either version 3 of the
655     - ___License, or (at your option) any later version.
635 + This program is free software: you can redistribute it and/or modify
636 + it under the terms of the GNU Affero General Public License as published by
637 + the Free Software Foundation, either version 3 of the License, or
638 + (at your option) any later version.
656 639
657     - ___This program is distributed in the hope that it will be useful,
658     - ___but WITHOUT ANY WARRANTY; without even the implied warranty of
659     - ___MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the
660     - ___GNU Affero General Public License for more details.
640 + This program is distributed in the hope that it will be useful,
641 + but WITHOUT ANY WARRANTY; without even the implied warranty of
642 + MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the
643 + GNU Affero General Public License for more details.
661 644
662     - ___You should have received a copy of the GNU Affero General Public License
663     - ___along with this program.  If not, see <http://www.gnu.org/licenses/>.
645 + You should have received a copy of the GNU Affero General Public License
646 + along with this program.  If not, see <https://www.gnu.org/licenses/>.
664 647
665 648   Also add information on how to contact you by electronic and paper mail.
666 649
667     - __If your software can interact with users remotely through a computer
650 + If your software can interact with users remotely through a computer
668 651   network, you should also make sure that it provides a way for users to
669 652   get its source.  For example, if your program is a web application, its
670 653   interface could display a "Source" link that leads users to an archive
671 654   of the code.  There are many ways you could offer source, and different
672 655   solutions will be better for different programs; see section 13 for the
673 656   specific requirements.
674 657
675     - __You should also get your employer (if you work as a programmer) or school,
658 + You should also get your employer (if you work as a programmer) or school,
676 659   if any, to sign a "copyright disclaimer" for the program, if necessary.
677 660   For more information on this, and how to apply and follow the GNU AGPL, see
678     - <http://www.gnu.org/licenses/>.
679     -
680     -
681     - "Commons Clause" License Condition
682     -
683     - The Software is provided to you by the Licensor under the License, as
684     - defined below, subject to the following condition. Without limiting
685     - other conditions in the License, the grant of rights under the License
686     - will not include, and the License does not grant to you, the right to
687     - Sell the Software.  For purposes of the foregoing, "Sell" means
688     - practicing any or all of the rights granted to you under the License
689     - to provide to third parties, for a fee or other consideration,
690     - a product or service that consists, entirely or substantially,
691     - of the Software or the functionality of the Software. Any license
692     - notice or attribution required by the License must also include
693     - this Commons Cause License Condition notice.
661 + <https://www.gnu.org/licenses/>.
```

486 enterprise/causal-clustering/LICENSE.txt

```
...  ...  @@ -1,51 +1,35 @@
1        - NOTICE
```

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```
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- licenses, please refer to the NOTICE.txt file for further
- information and LICENSES.txt for full license texts.
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-
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-                             Preamble
-
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- remains free software for all its users.
+ The licenses for most software and other practical works are designed
+ to take away your freedom to share and change the works.  By contrast,
+ our General Public Licenses are intended to guarantee your freedom to
+ share and change all versions of a program--to make sure it remains free
+ software for all its users.

- __When we speak of free software, we are referring to freedom, not
+ When we speak of free software, we are referring to freedom, not
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   free programs, and that you know you can do these things.

- __Developers that use our General Public Licenses protect your rights
+ Developers that use our General Public Licenses protect your rights
   with two steps: (1) assert copyright on the software, and (2) offer
   you this License which gives you legal permission to copy, distribute
   and/or modify the software.

- __A secondary benefit of defending all users' freedom is that
+ A secondary benefit of defending all users' freedom is that
```

```
33  33    improvements made in alternate versions of the program, if they
34  34    receive widespread use, become available for other developers to
35  35    incorporate.  Many developers of free software are heartened and
39  39    letting the public access it on a server without ever releasing its
40  40    source code to the public.
41  41
58      - __The GNU Affero General Public License is designed specifically to
    42  + The GNU Affero General Public License is designed specifically to
43  43    ensure that, in such cases, the modified source code becomes available
44  44    to the community.  It requires the operator of a network server to
45  45    provide the source code of the modified version running there to the
46  46    users of that server.  Therefore, public use of a modified version, on
47  47    a publicly accessible server, gives the public access to the source
48  48    code of the modified version.
49  49
66      - __An older license, called the Affero General Public License and
    50  + An older license, called the Affero General Public License and
51  51    published by Affero, was designed to accomplish similar goals.  This is
52  52    a different license, not a version of the Affero GPL, but Affero has
53  53    released a new version of the Affero GPL which permits relicensing under
54  54    this license.
55  55
72      - __The precise terms and conditions for copying, distribution and
    56  + The precise terms and conditions for copying, distribution and
57  57    modification follow.
58  58
75      -                       TERMS AND CONDITIONS
    59  + TERMS AND CONDITIONS
    60  +
    61  + 0. Definitions.
76  62
77      -   0. Definitions.
    63  + "This License" refers to version 3 of the GNU Affero General Public License.
78  64
79      -   "This License" refers to version 3 of the GNU Affero General Public
80      - License.
    65  + "Copyright" also means copyright-like laws that apply to other kinds of
    66  + works, such as semiconductor masks.
81  67
82      -   "Copyright" also means copyright-like laws that apply to other kinds
83      - of works, such as semiconductor masks.
84      -
85      -   "The Program" refers to any copyrightable work licensed under this
    68  + "The Program" refers to any copyrightable work licensed under this
86  69    License.  Each licensee is addressed as "you".  "Licensees" and
87  70    "recipients" may be individuals or organizations.
88  71
89      - __To "modify" a work means to copy from or adapt all or part of the work
    72  + To "modify" a work means to copy from or adapt all or part of the work
90  73    in a fashion requiring copyright permission, other than the making of an
91  74    exact copy.  The resulting work is called a "modified version" of the
92  75    earlier work or a work "based on" the earlier work.
93  76
94      - __A "covered work" means either the unmodified Program or a work based
    77  + A "covered work" means either the unmodified Program or a work based
95  78    on the Program.
96  79
97      - __To "propagate" a work means to do anything with it that, without
    80  + To "propagate" a work means to do anything with it that, without
98  81    permission, would make you directly or secondarily liable for
99  82    infringement under applicable copyright law, except executing it on a
100 83    computer or modifying a private copy.  Propagation includes copying,
101 84    distribution (with or without modification), making available to the
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```
   public, and in some countries other activities as well.

-  __To "convey" a work means any kind of propagation that enables other
+ To "convey" a work means any kind of propagation that enables other
   parties to make or receive copies.  Mere interaction with a user through
   a computer network, with no transfer of a copy, is not conveying.

-  __An interactive user interface displays "Appropriate Legal Notices"
+ An interactive user interface displays "Appropriate Legal Notices"
   to the extent that it includes a convenient and prominently visible
   feature that (1) displays an appropriate copyright notice, and (2)
   tells the user that there is no warranty for the work (except to the
   the interface presents a list of user commands or options, such as a
   menu, a prominent item in the list meets this criterion.

-  __1. Source Code.
+ 1. Source Code.

-  __The "source code" for a work means the preferred form of the work
+ The "source code" for a work means the preferred form of the work
   for making modifications to it.  "Object code" means any non-source
   form of a work.

-  __A "Standard Interface" means an interface that either is an official
+ A "Standard Interface" means an interface that either is an official
   standard defined by a recognized standards body, or, in the case of
   interfaces specified for a particular programming language, one that
   is widely used among developers working in that language.

-  __The "System Libraries" of an executable work include anything, other
+ The "System Libraries" of an executable work include anything, other
   than the work as a whole, that (a) is included in the normal form of
   packaging a Major Component, but which is not part of that Major
   Component, and (b) serves only to enable use of the work with that
   (if any) on which the executable work runs, or a compiler used to
   produce the work, or an object code interpreter used to run it.

-  __The "Corresponding Source" for a work in object code form means all
+ The "Corresponding Source" for a work in object code form means all
   the source code needed to generate, install, and (for an executable
   work) run the object code and to modify the work, including scripts to
   control those activities.  However, it does not include the work's
   such as by intimate data communication or control flow between those
   subprograms and other parts of the work.

-  __The Corresponding Source need not include anything that users
+ The Corresponding Source need not include anything that users
   can regenerate automatically from other parts of the Corresponding
   Source.

-  __The Corresponding Source for a work in source code form is that
+ The Corresponding Source for a work in source code form is that
   same work.

-  __2. Basic Permissions.
+ 2. Basic Permissions.

-  __All rights granted under this License are granted for the term of
+ All rights granted under this License are granted for the term of
   copyright on the Program, and are irrevocable provided the stated
   conditions are met.  This License explicitly affirms your unlimited
   permission to run the unmodified Program.  The output from running a
   covered work is covered by this License only if the output, given its
```

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   content, constitutes a covered work.  This License acknowledges your
   rights of fair use or other equivalent, as provided by copyright law.

-  You may make, run and propagate covered works that you do not
+ You may make, run and propagate covered works that you do not
   convey, without conditions so long as your license otherwise remains
   in force.  You may convey covered works to others for the sole purpose
   of having them make modifications exclusively for you, or provide you
   and control, on terms that prohibit them from making any copies of
   your copyrighted material outside their relationship with you.

-  Conveying under any other circumstances is permitted solely under
+ Conveying under any other circumstances is permitted solely under
   the conditions stated below.  Sublicensing is not allowed; section 10
   makes it unnecessary.

-  3. Protecting Users' Legal Rights From Anti-Circumvention Law.
+ 3. Protecting Users' Legal Rights From Anti-Circumvention Law.

-  No covered work shall be deemed part of an effective technological
+ No covered work shall be deemed part of an effective technological
   measure under any applicable law fulfilling obligations under article
   11 of the WIPO copyright treaty adopted on 20 December 1996, or
   similar laws prohibiting or restricting circumvention of such
   measures.

-  When you convey a covered work, you waive any legal power to forbid
+ When you convey a covered work, you waive any legal power to forbid
   circumvention of technological measures to the extent such circumvention
   is effected by exercising rights under this License with respect to
   the covered work, and you disclaim any intention to limit operation or
   modification of the work as a means of enforcing, against the work's
   users, your or third parties' legal rights to forbid circumvention of
   technological measures.

-  4. Conveying Verbatim Copies.
+ 4. Conveying Verbatim Copies.

-  You may convey verbatim copies of the Program's source code as you
+ You may convey verbatim copies of the Program's source code as you
   receive it, in any medium, provided that you conspicuously and
   appropriately publish on each copy an appropriate copyright notice;
   keep intact all notices stating that this License and any
   non-permissive terms added in accord with section 7 apply to the code;
   keep intact all notices of the absence of any warranty; and give all
   recipients a copy of this License along with the Program.

-  You may charge any price or no price for each copy that you convey,
+ You may charge any price or no price for each copy that you convey,
   and you may offer support or warranty protection for a fee.

-  5. Conveying Modified Source Versions.
+ 5. Conveying Modified Source Versions.

-  You may convey a work based on the Program, or the modifications to
+ You may convey a work based on the Program, or the modifications to
   produce it from the Program, in the form of source code under the
   terms of section 4, provided that you also meet all of these conditions:

-     a) The work must carry prominent notices stating that you modified
-     it, and giving a relevant date.
+ a) The work must carry prominent notices stating that you modified
+ it, and giving a relevant date.
```

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```
- ____b) The work must carry prominent notices stating that it is
- ____released under this License and any conditions added under section
- ____7.  This requirement modifies the requirement in section 4 to
- ____"keep intact all notices".
+ b) The work must carry prominent notices stating that it is
+ released under this License and any conditions added under section
+ 7.  This requirement modifies the requirement in section 4 to
+ "keep intact all notices".

- ____c) You must license the entire work, as a whole, under this
- ____License to anyone who comes into possession of a copy.  This
- ____License will therefore apply, along with any applicable section 7
- ____additional terms, to the whole of the work, and all its parts,
- ____regardless of how they are packaged.  This License gives no
- ____permission to license the work in any other way, but it does not
- ____invalidate such permission if you have separately received it.
+ c) You must license the entire work, as a whole, under this
+ License to anyone who comes into possession of a copy.  This
+ License will therefore apply, along with any applicable section 7
+ additional terms, to the whole of the work, and all its parts,
+ regardless of how they are packaged.  This License gives no
+ permission to license the work in any other way, but it does not
+ invalidate such permission if you have separately received it.

- ____d) If the work has interactive user interfaces, each must display
- ____Appropriate Legal Notices; however, if the Program has interactive
- ____interfaces that do not display Appropriate Legal Notices, your
- ____work need not make them do so.
+ d) If the work has interactive user interfaces, each must display
+ Appropriate Legal Notices; however, if the Program has interactive
+ interfaces that do not display Appropriate Legal Notices, your
+ work need not make them do so.

- __A compilation of a covered work with other separate and independent
+ A compilation of a covered work with other separate and independent
  works, which are not by their nature extensions of the covered work,
  and which are not combined with it such as to form a larger program,
  in or on a volume of a storage or distribution medium, is called an
  in an aggregate does not cause this License to apply to the other
  parts of the aggregate.

- __6. Conveying Non-Source Forms.
+ 6. Conveying Non-Source Forms.

- __You may convey a covered work in object code form under the terms
+ You may convey a covered work in object code form under the terms
  of sections 4 and 5, provided that you also convey the
  machine-readable Corresponding Source under the terms of this License,
  in one of these ways:

- ____a) Convey the object code in, or embodied in, a physical product
- ____(including a physical distribution medium), accompanied by the
- ____Corresponding Source fixed on a durable physical medium
- ____customarily used for software interchange.
-
- ____b) Convey the object code in, or embodied in, a physical product
- ____(including a physical distribution medium), accompanied by a
- ____written offer, valid for at least three years and valid for as
- ____long as you offer spare parts or customer support for that product
- ____model, to give anyone who possesses the object code either (1) a
- ____copy of the Corresponding Source for all the software in the
- ____product that is covered by this License, on a durable physical
```

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```
- ____medium customarily used for software interchange, for a price no
- ____more than your reasonable cost of physically performing this
- ____conveying of source, or (2) access to copy the
- ____Corresponding Source from a network server at no charge.
-
- ____c) Convey individual copies of the object code with a copy of the
- ____written offer to provide the Corresponding Source.  This
- ____alternative is allowed only occasionally and noncommercially, and
- ____only if you received the object code with such an offer, in accord
- ____with subsection 6b.
-
- ____d) Convey the object code by offering access from a designated
- ____place (gratis or for a charge), and offer equivalent access to the
- ____Corresponding Source in the same way through the same place at no
- ____further charge.  You need not require recipients to copy the
- ____Corresponding Source along with the object code.  If the place to
- ____copy the object code is a network server, the Corresponding Source
- ____may be on a different server (operated by you or a third party)
- ____that supports equivalent copying facilities, provided you maintain
- ____clear directions next to the object code saying where to find the
- ____Corresponding Source.  Regardless of what server hosts the
- ____Corresponding Source, you remain obligated to ensure that it is
- ____available for as long as needed to satisfy these requirements.
-
- ____e) Convey the object code using peer-to-peer transmission, provided
- ____you inform other peers where the object code and Corresponding
- ____Source of the work are being offered to the general public at no
- ____charge under subsection 6d.
-
- __A separable portion of the object code, whose source code is excluded
+ a) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by the
+ Corresponding Source fixed on a durable physical medium
+ customarily used for software interchange.
+
+ b) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by a
+ written offer, valid for at least three years and valid for as
+ long as you offer spare parts or customer support for that product
+ model, to give anyone who possesses the object code either (1) a
+ copy of the Corresponding Source for all the software in the
+ product that is covered by this License, on a durable physical
+ medium customarily used for software interchange, for a price no
+ more than your reasonable cost of physically performing this
+ conveying of source, or (2) access to copy the
+ Corresponding Source from a network server at no charge.
+
+ c) Convey individual copies of the object code with a copy of the
+ written offer to provide the Corresponding Source.  This
+ alternative is allowed only occasionally and noncommercially, and
+ only if you received the object code with such an offer, in accord
+ with subsection 6b.
+
+ d) Convey the object code by offering access from a designated
+ place (gratis or for a charge), and offer equivalent access to the
+ Corresponding Source in the same way through the same place at no
+ further charge.  You need not require recipients to copy the
+ Corresponding Source along with the object code.  If the place to
+ copy the object code is a network server, the Corresponding Source
+ may be on a different server (operated by you or a third party)
+ that supports equivalent copying facilities, provided you maintain
+ clear directions next to the object code saying where to find the
+ Corresponding Source.  Regardless of what server hosts the
```

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```
+ Corresponding Source, you remain obligated to ensure that it is
+ available for as long as needed to satisfy these requirements.
+
+ e) Convey the object code using peer-to-peer transmission, provided
+ you inform other peers where the object code and Corresponding
+ Source of the work are being offered to the general public at no
+ charge under subsection 6d.
+
+ A separable portion of the object code, whose source code is excluded
  from the Corresponding Source as a System Library, need not be
  included in conveying the object code work.

- __A "User Product" is either (1) a "consumer product", which means any
+ A "User Product" is either (1) a "consumer product", which means any
  tangible personal property which is normally used for personal, family,
  or household purposes, or (2) anything designed or sold for incorporation
  into a dwelling.  In determining whether a product is a consumer product,
  commercial, industrial or non-consumer uses, unless such uses represent
  the only significant mode of use of the product.

- __"Installation Information" for a User Product means any methods,
+ "Installation Information" for a User Product means any methods,
  procedures, authorization keys, or other information required to install
  and execute modified versions of a covered work in that User Product from
  a modified version of its Corresponding Source.  The information must
  suffice to ensure that the continued functioning of the modified object
  code is in no case prevented or interfered with solely because
  modification has been made.

- __If you convey an object code work under this section in, or with, or
+ If you convey an object code work under this section in, or with, or
  specifically for use in, a User Product, and the conveying occurs as
  part of a transaction in which the right of possession and use of the
  User Product is transferred to the recipient in perpetuity or for a
  modified object code on the User Product (for example, the work has
  been installed in ROM).

- __The requirement to provide Installation Information does not include a
+ The requirement to provide Installation Information does not include a
  requirement to continue to provide support service, warranty, or updates
  for a work that has been modified or installed by the recipient, or for
  the User Product in which it has been modified or installed.  Access to a
  network may be denied when the modification itself materially and
  adversely affects the operation of the network or violates the rules and
  protocols for communication across the network.

- __Corresponding Source conveyed, and Installation Information provided,
+ Corresponding Source conveyed, and Installation Information provided,
  in accord with this section must be in a format that is publicly
  documented (and with an implementation available to the public in
  source code form), and must require no special password or key for
  unpacking, reading or copying.

- __7. Additional Terms.
+ 7. Additional Terms.

- __"Additional permissions" are terms that supplement the terms of this
+ "Additional permissions" are terms that supplement the terms of this
  License by making exceptions from one or more of its conditions.
  Additional permissions that are applicable to the entire Program shall
  be treated as though they were included in this License, to the extent
  under those permissions, but the entire Program remains governed by
  this License without regard to the additional permissions.
```

```
- __When you convey a copy of a covered work, you may at your option
+ When you convey a copy of a covered work, you may at your option
  remove any additional permissions from that copy, or from any part of
  it.  (Additional permissions may be written to require their own
  removal in certain cases when you modify the work.)  You may place
  additional permissions on material, added by you to a covered work,
  for which you have or can give appropriate copyright permission.

- __Notwithstanding any other provision of this License, for material you
+ Notwithstanding any other provision of this License, for material you
  add to a covered work, you may (if authorized by the copyright holders of
  that material) supplement the terms of this License with terms:

- ____a) Disclaiming warranty or limiting liability differently from the
- ____terms of sections 15 and 16 of this License; or
+ a) Disclaiming warranty or limiting liability differently from the
+ terms of sections 15 and 16 of this License; or

- ____b) Requiring preservation of specified reasonable legal notices or
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664 647
665 648   Also add information on how to contact you by electronic and paper mail.
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```
666  649
667       - __If your software can interact with users remotely through a computer
     650  + If your software can interact with users remotely through a computer
668  651    network, you should also make sure that it provides a way for users to
669  652    get its source.  For example, if your program is a web application, its
670  653    interface could display a "Source" link that leads users to an archive
671  654    of the code.  There are many ways you could offer source, and different
672  655    solutions will be better for different programs; see section 13 for the
673  656    specific requirements.
674  657
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```
126 109   is widely used among developers working in that language.
127 110
128     - __The "System Libraries" of an executable work include anything, other
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129 112   than the work as a whole, that (a) is included in the normal form of
130 113   packaging a Major Component, but which is not part of that Major
131 114   Component, and (b) serves only to enable use of the work with that
136 119   (if any) on which the executable work runs, or a compiler used to
137 120   produce the work, or an object code interpreter used to run it.
138 121
139     - __The "Corresponding Source" for a work in object code form means all
    122 + The "Corresponding Source" for a work in object code form means all
140 123   the source code needed to generate, install, and (for an executable
141 124   work) run the object code and to modify the work, including scripts to
142 125   control those activities.  However, it does not include the work's
149 132   such as by intimate data communication or control flow between those
150 133   subprograms and other parts of the work.
151 134
152     - __The Corresponding Source need not include anything that users
    135 + The Corresponding Source need not include anything that users
153 136   can regenerate automatically from other parts of the Corresponding
154 137   Source.
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156     - __The Corresponding Source for a work in source code form is that
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166 149   content, constitutes a covered work.  This License acknowledges your
167 150   rights of fair use or other equivalent, as provided by copyright law.
168 151
169     - __You may make, run and propagate covered works that you do not
    152 + You may make, run and propagate covered works that you do not
170 153   convey, without conditions so long as your license otherwise remains
171 154   in force.  You may convey covered works to others for the sole purpose
172 155   of having them make modifications exclusively for you, or provide you
177 160   and control, on terms that prohibit them from making any copies of
178 161   your copyrighted material outside their relationship with you.
179 162
180     - __Conveying under any other circumstances is permitted solely under
    163 + Conveying under any other circumstances is permitted solely under
181 164   the conditions stated below.  Sublicensing is not allowed; section 10
182 165   makes it unnecessary.
183 166
184     - __3. Protecting Users' Legal Rights From Anti-Circumvention Law.
    167 + 3. Protecting Users' Legal Rights From Anti-Circumvention Law.
185 168
186     - __No covered work shall be deemed part of an effective technological
    169 + No covered work shall be deemed part of an effective technological
187 170   measure under any applicable law fulfilling obligations under article
188 171   11 of the WIPO copyright treaty adopted on 20 December 1996, or
189 172   similar laws prohibiting or restricting circumvention of such
190 173   measures.
191 174
192     - __When you convey a covered work, you waive any legal power to forbid
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```
+ When you convey a covered work, you waive any legal power to forbid
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  is effected by exercising rights under this License with respect to
  the covered work, and you disclaim any intention to limit operation or
  modification of the work as a means of enforcing, against the work's
  users, your or third parties' legal rights to forbid circumvention of
  technological measures.

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+ 4. Conveying Verbatim Copies.

- __You may convey verbatim copies of the Program's source code as you
+ You may convey verbatim copies of the Program's source code as you
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  non-permissive terms added in accord with section 7 apply to the code;
  keep intact all notices of the absence of any warranty; and give all
  recipients a copy of this License along with the Program.

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+ You may charge any price or no price for each copy that you convey,
  and you may offer support or warranty protection for a fee.

- __5. Conveying Modified Source Versions.
+ 5. Conveying Modified Source Versions.

- __You may convey a work based on the Program, or the modifications to
+ You may convey a work based on the Program, or the modifications to
  produce it from the Program, in the form of source code under the
  terms of section 4, provided that you also meet all of these conditions:

- ____a) The work must carry prominent notices stating that you modified
- ____it, and giving a relevant date.
+ a) The work must carry prominent notices stating that you modified
+ it, and giving a relevant date.

- ____b) The work must carry prominent notices stating that it is
- ____released under this License and any conditions added under section
- ____7.  This requirement modifies the requirement in section 4 to
- ____"keep intact all notices".
+ b) The work must carry prominent notices stating that it is
+ released under this License and any conditions added under section
+ 7.  This requirement modifies the requirement in section 4 to
+ "keep intact all notices".

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- ____License to anyone who comes into possession of a copy.  This
- ____License will therefore apply, along with any applicable section 7
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- ____invalidate such permission if you have separately received it.
+ c) You must license the entire work, as a whole, under this
+ License to anyone who comes into possession of a copy.  This
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+ regardless of how they are packaged.  This License gives no
+ permission to license the work in any other way, but it does not
+ invalidate such permission if you have separately received it.

- ____d) If the work has interactive user interfaces, each must display
- ____Appropriate Legal Notices; however, if the Program has interactive
```

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```
-    interfaces that do not display Appropriate Legal Notices, your
-    work need not make them do so.
+ d) If the work has interactive user interfaces, each must display
+ Appropriate Legal Notices; however, if the Program has interactive
+ interfaces that do not display Appropriate Legal Notices, your
+ work need not make them do so.

-  A compilation of a covered work with other separate and independent
+ A compilation of a covered work with other separate and independent
  works, which are not by their nature extensions of the covered work,
  and which are not combined with it such as to form a larger program,
  in or on a volume of a storage or distribution medium, is called an
  in an aggregate does not cause this License to apply to the other
  parts of the aggregate.

-  6. Conveying Non-Source Forms.
+ 6. Conveying Non-Source Forms.

-  You may convey a covered work in object code form under the terms
+ You may convey a covered work in object code form under the terms
  of sections 4 and 5, provided that you also convey the
  machine-readable Corresponding Source under the terms of this License,
  in one of these ways:

-    a) Convey the object code in, or embodied in, a physical product
-    (including a physical distribution medium), accompanied by the
-    Corresponding Source fixed on a durable physical medium
-    customarily used for software interchange.
-
-    b) Convey the object code in, or embodied in, a physical product
-    (including a physical distribution medium), accompanied by a
-    written offer, valid for at least three years and valid for as
-    long as you offer spare parts or customer support for that product
-    model, to give anyone who possesses the object code either (1) a
-    copy of the Corresponding Source for all the software in the
-    product that is covered by this License, on a durable physical
-    medium customarily used for software interchange, for a price no
-    more than your reasonable cost of physically performing this
-    conveying of source, or (2) access to copy the
-    Corresponding Source from a network server at no charge.
-
-    c) Convey individual copies of the object code with a copy of the
-    written offer to provide the Corresponding Source.  This
-    alternative is allowed only occasionally and noncommercially, and
-    only if you received the object code with such an offer, in accord
-    with subsection 6b.
-
-    d) Convey the object code by offering access from a designated
-    place (gratis or for a charge), and offer equivalent access to the
-    Corresponding Source in the same way through the same place at no
-    further charge.  You need not require recipients to copy the
-    Corresponding Source along with the object code.  If the place to
-    copy the object code is a network server, the Corresponding Source
-    may be on a different server (operated by you or a third party)
-    that supports equivalent copying facilities, provided you maintain
-    clear directions next to the object code saying where to find the
-    Corresponding Source.  Regardless of what server hosts the
-    Corresponding Source, you remain obligated to ensure that it is
-    available for as long as needed to satisfy these requirements.
-
-    e) Convey the object code using peer-to-peer transmission, provided
-    you inform other peers where the object code and Corresponding
-    Source of the work are being offered to the general public at no
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-    charge under subsection 6d.
-
-  A separable portion of the object code, whose source code is excluded
+ a) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by the
+ Corresponding Source fixed on a durable physical medium
+ customarily used for software interchange.
+
+ b) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by a
+ written offer, valid for at least three years and valid for as
+ long as you offer spare parts or customer support for that product
+ model, to give anyone who possesses the object code either (1) a
+ copy of the Corresponding Source for all the software in the
+ product that is covered by this License, on a durable physical
+ medium customarily used for software interchange, for a price no
+ more than your reasonable cost of physically performing this
+ conveying of source, or (2) access to copy the
+ Corresponding Source from a network server at no charge.
+
+ c) Convey individual copies of the object code with a copy of the
+ written offer to provide the Corresponding Source.  This
+ alternative is allowed only occasionally and noncommercially, and
+ only if you received the object code with such an offer, in accord
+ with subsection 6b.
+
+ d) Convey the object code by offering access from a designated
+ place (gratis or for a charge), and offer equivalent access to the
+ Corresponding Source in the same way through the same place at no
+ further charge.  You need not require recipients to copy the
+ Corresponding Source along with the object code.  If the place to
+ copy the object code is a network server, the Corresponding Source
+ may be on a different server (operated by you or a third party)
+ that supports equivalent copying facilities, provided you maintain
+ clear directions next to the object code saying where to find the
+ Corresponding Source.  Regardless of what server hosts the
+ Corresponding Source, you remain obligated to ensure that it is
+ available for as long as needed to satisfy these requirements.
+
+ e) Convey the object code using peer-to-peer transmission, provided
+ you inform other peers where the object code and Corresponding
+ Source of the work are being offered to the general public at no
+ charge under subsection 6d.
+
+ A separable portion of the object code, whose source code is excluded
  from the Corresponding Source as a System Library, need not be
  included in conveying the object code work.

-  A "User Product" is either (1) a "consumer product", which means any
+ A "User Product" is either (1) a "consumer product", which means any
  tangible personal property which is normally used for personal, family,
  or household purposes, or (2) anything designed or sold for incorporation
  into a dwelling.  In determining whether a product is a consumer product,
  commercial, industrial or non-consumer uses, unless such uses represent
  the only significant mode of use of the product.

-  "Installation Information" for a User Product means any methods,
+ "Installation Information" for a User Product means any methods,
  procedures, authorization keys, or other information required to install
  and execute modified versions of a covered work in that User Product from
  a modified version of its Corresponding Source.  The information must
  suffice to ensure that the continued functioning of the modified object
  code is in no case prevented or interfered with solely because
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```
   modification has been made.

- __If you convey an object code work under this section in, or with, or
+ If you convey an object code work under this section in, or with, or
   specifically for use in, a User Product, and the conveying occurs as
   part of a transaction in which the right of possession and use of the
   User Product is transferred to the recipient in perpetuity or for a
   modified object code on the User Product (for example, the work has
   been installed in ROM).

- __The requirement to provide Installation Information does not include a
+ The requirement to provide Installation Information does not include a
   requirement to continue to provide support service, warranty, or updates
   for a work that has been modified or installed by the recipient, or for
   the User Product in which it has been modified or installed.  Access to a
   network may be denied when the modification itself materially and
   adversely affects the operation of the network or violates the rules and
   protocols for communication across the network.

- __Corresponding Source conveyed, and Installation Information provided,
+ Corresponding Source conveyed, and Installation Information provided,
   in accord with this section must be in a format that is publicly
   documented (and with an implementation available to the public in
   source code form), and must require no special password or key for
   unpacking, reading or copying.

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+ 7. Additional Terms.

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+ Notices displayed by works containing it; or

- ____c) Prohibiting misrepresentation of the origin of that material, or
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- ____requiring that modified versions of such material be marked in
- ____reasonable ways as different from the original version; or
+ c) Prohibiting misrepresentation of the origin of that material, or
+ requiring that modified versions of such material be marked in
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+ 8. Termination.

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+ 11. Patents.

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+ If, pursuant to or in connection with a single transaction or
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+ 12. No Surrender of Others' Freedom.
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+ 17. Interpretation of Sections 15 and 16.

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643  626
644      - __To do so, attach the following notices to the program.  It is safest
     627  + To do so, attach the following notices to the program.  It is safest
645  628    to attach them to the start of each source file to most effectively
646  629    state the exclusion of warranty; and each file should have at least
647  630    the "copyright" line and a pointer to where the full notice is found.
648  631
649      - ____<one line to give the program's name and a brief idea of what it does.>
650      - ____Copyright (C) <year>  <name of author>
     632  + <one line to give the program's name and a brief idea of what it does.>
     633  + Copyright (C) <year>  <name of author>
651  634
652      - ____This program is free software: you can redistribute it and/or modify
653      - ____it under the terms of the GNU Affero General Public License as
654      - ____published by the Free Software Foundation, either version 3 of the
655      - ____License, or (at your option) any later version.
     635  + This program is free software: you can redistribute it and/or modify
     636  + it under the terms of the GNU Affero General Public License as published by
     637  + the Free Software Foundation, either version 3 of the License, or
     638  + (at your option) any later version.
656  639
657      - ____This program is distributed in the hope that it will be useful,
658      - ____but WITHOUT ANY WARRANTY; without even the implied warranty of
659      - ____MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the
660      - ____GNU Affero General Public License for more details.
     640  + This program is distributed in the hope that it will be useful,
     641  + but WITHOUT ANY WARRANTY; without even the implied warranty of
     642  + MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the
     643  + GNU Affero General Public License for more details.
661  644
662      - ____You should have received a copy of the GNU Affero General Public License
663      - ____along with this program.  If not, see <http://www.gnu.org/licenses/>.
     645  + You should have received a copy of the GNU Affero General Public License
     646  + along with this program.  If not, see <https://www.gnu.org/licenses/>.
664  647
665  648    Also add information on how to contact you by electronic and paper mail.
666  649
667      - __If your software can interact with users remotely through a computer
     650  + If your software can interact with users remotely through a computer
668  651    network, you should also make sure that it provides a way for users to
669  652    get its source.  For example, if your program is a web application, its
670  653    interface could display a "Source" link that leads users to an archive
671  654    of the code.  There are many ways you could offer source, and different
672  655    solutions will be better for different programs; see section 13 for the
673  656    specific requirements.
674  657
675      - __You should also get your employer (if you work as a programmer) or school,
     658  + You should also get your employer (if you work as a programmer) or school,
676  659    if any, to sign a "copyright disclaimer" for the program, if necessary.
677  660    For more information on this, and how to apply and follow the GNU AGPL, see
678      - <http://www.gnu.org/licenses/>.
679      -
680      -
681      - "Commons Clause" License Condition
682      -
683      - The Software is provided to you by the Licensor under the License, as
684      - defined below, subject to the following condition. Without limiting
685      - other conditions in the License, the grant of rights under the License
686      - will not include, and the License does not grant to you, the right to
687      - Sell the Software.  For purposes of the foregoing, "Sell" means
688      - practicing any or all of the rights granted to you under the License
689      - to provide to third parties, for a fee or other consideration,
690      - a product or service that consists, entirely or substantially,
```

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```
691       - of the Software or the functionality of the Software. Any license
692       - notice or attribution required by the License must also include
693       - this Commons Cause License Condition notice.
      661 + <https://www.gnu.org/licenses/>.
```

486 enterprise/com/LICENSE.txt

```
...   ...  @@ -1,51 +1,35 @@
1           - NOTICE
2           - This package contains software licensed under different
3           - licenses, please refer to the NOTICE.txt file for further
4           - information and LICENSES.txt for full license texts.
      1     + GNU AFFERO GENERAL PUBLIC LICENSE
      2     +   Version 3, 19 November 2007
5     3
6           - Neo4j Enterprise object code can be licensed independently from
7           - the source under separate commercial terms. Email inquiries can be
8           - directed to: licensing@neo4j.com. More information is also
9           - available at:https://neo4j.com/licensing/
      4     + Copyright (C) 2007 Free Software Foundation, Inc. <https://fsf.org/>
      5     + Everyone is permitted to copy and distribute verbatim copies
      6     + of this license document, but changing it is not allowed.
10    7
11          - The software ("Software") is developed and owned by Neo4j Sweden AB
12          - (referred to in this notice as “Neo4j”) and is subject to the terms
13          - of the GNU AFFERO GENERAL PUBLIC LICENSE Version 3, with the Commons Clause as follows:
      8     + Preamble
14    9
15          -
16          -
17          -                    GNU AFFERO GENERAL PUBLIC LICENSE
18          -                       Version 3, 19 November 2007
19          -
20          -  Copyright (C) 2007 Free Software Foundation, Inc. <http://fsf.org/>
21          -  Everyone is permitted to copy and distribute verbatim copies
22          -  of this license document, but changing it is not allowed.
23          -
24          -                            Preamble
25          -
26          -   The GNU Affero General Public License is a free, copyleft license
27          - for software and other kinds of works, specifically designed to ensure
      10    + The GNU Affero General Public License is a free, copyleft license for
      11    + software and other kinds of works, specifically designed to ensure
28    12      cooperation with the community in the case of network server software.
29    13
30          - __The licenses for most software and other practical works are
31          - designed to take away your freedom to share and change the works.  By
32          - contrast, our General Public Licenses are intended to guarantee your
33          - freedom to share and change all versions of a program--to make sure it
34          - remains free software for all its users.
      14    + The licenses for most software and other practical works are designed
      15    + to take away your freedom to share and change the works.  By contrast,
      16    + our General Public Licenses are intended to guarantee your freedom to
      17    + share and change all versions of a program--to make sure it remains free
      18    + software for all its users.
35    19
36          - __When we speak of free software, we are referring to freedom, not
      20    + When we speak of free software, we are referring to freedom, not
37    21      price.  Our General Public Licenses are designed to make sure that you
38    22      have the freedom to distribute copies of free software (and charge for
39    23      them if you wish), that you receive source code or can get it if you
40    24      want it, that you can change the software or use pieces of it in new
41    25      free programs, and that you know you can do these things.
```

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```
-  Developers that use our General Public Licenses protect your rights
+ Developers that use our General Public Licenses protect your rights
  with two steps: (1) assert copyright on the software, and (2) offer
  you this License which gives you legal permission to copy, distribute
  and/or modify the software.

-  A secondary benefit of defending all users' freedom is that
+ A secondary benefit of defending all users' freedom is that
  improvements made in alternate versions of the program, if they
  receive widespread use, become available for other developers to
  incorporate.  Many developers of free software are heartened and
  letting the public access it on a server without ever releasing its
  source code to the public.

-  The GNU Affero General Public License is designed specifically to
+ The GNU Affero General Public License is designed specifically to
  ensure that, in such cases, the modified source code becomes available
  to the community.  It requires the operator of a network server to
  provide the source code of the modified version running there to the
  users of that server.  Therefore, public use of a modified version, on
  a publicly accessible server, gives the public access to the source
  code of the modified version.

-  An older license, called the Affero General Public License and
+ An older license, called the Affero General Public License and
  published by Affero, was designed to accomplish similar goals.  This is
  a different license, not a version of the Affero GPL, but Affero has
  released a new version of the Affero GPL which permits relicensing under
  this license.

-  The precise terms and conditions for copying, distribution and
+ The precise terms and conditions for copying, distribution and
  modification follow.

-                       TERMS AND CONDITIONS
+ TERMS AND CONDITIONS
+
+ 0. Definitions.

-  0. Definitions.
+ "This License" refers to version 3 of the GNU Affero General Public License.

-   "This License" refers to version 3 of the GNU Affero General Public
- License.
+ "Copyright" also means copyright-like laws that apply to other kinds of
+ works, such as semiconductor masks.

-   "Copyright" also means copyright-like laws that apply to other kinds
- of works, such as semiconductor masks.
-
-   "The Program" refers to any copyrightable work licensed under this
+ "The Program" refers to any copyrightable work licensed under this
  License.  Each licensee is addressed as "you".  "Licensees" and
  "recipients" may be individuals or organizations.

-  To "modify" a work means to copy from or adapt all or part of the work
+ To "modify" a work means to copy from or adapt all or part of the work
  in a fashion requiring copyright permission, other than the making of an
  exact copy.  The resulting work is called a "modified version" of the
  earlier work or a work "based on" the earlier work.

-  A "covered work" means either the unmodified Program or a work based
```

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```
+ A "covered work" means either the unmodified Program or a work based
  on the Program.

- __To "propagate" a work means to do anything with it that, without
+ To "propagate" a work means to do anything with it that, without
  permission, would make you directly or secondarily liable for
  infringement under applicable copyright law, except executing it on a
  computer or modifying a private copy.  Propagation includes copying,
  distribution (with or without modification), making available to the
  public, and in some countries other activities as well.

- __To "convey" a work means any kind of propagation that enables other
+ To "convey" a work means any kind of propagation that enables other
  parties to make or receive copies.  Mere interaction with a user through
  a computer network, with no transfer of a copy, is not conveying.

- __An interactive user interface displays "Appropriate Legal Notices"
+ An interactive user interface displays "Appropriate Legal Notices"
  to the extent that it includes a convenient and prominently visible
  feature that (1) displays an appropriate copyright notice, and (2)
  tells the user that there is no warranty for the work (except to the
  the interface presents a list of user commands or options, such as a
  menu, a prominent item in the list meets this criterion.

- __1. Source Code.
+ 1. Source Code.

- __The "source code" for a work means the preferred form of the work
+ The "source code" for a work means the preferred form of the work
  for making modifications to it.  "Object code" means any non-source
  form of a work.

- __A "Standard Interface" means an interface that either is an official
+ A "Standard Interface" means an interface that either is an official
  standard defined by a recognized standards body, or, in the case of
  interfaces specified for a particular programming language, one that
  is widely used among developers working in that language.

- __The "System Libraries" of an executable work include anything, other
+ The "System Libraries" of an executable work include anything, other
  than the work as a whole, that (a) is included in the normal form of
  packaging a Major Component, but which is not part of that Major
  Component, and (b) serves only to enable use of the work with that
  (if any) on which the executable work runs, or a compiler used to
  produce the work, or an object code interpreter used to run it.

- __The "Corresponding Source" for a work in object code form means all
+ The "Corresponding Source" for a work in object code form means all
  the source code needed to generate, install, and (for an executable
  work) run the object code and to modify the work, including scripts to
  control those activities.  However, it does not include the work's
  such as by intimate data communication or control flow between those
  subprograms and other parts of the work.

- __The Corresponding Source need not include anything that users
+ The Corresponding Source need not include anything that users
  can regenerate automatically from other parts of the Corresponding
  Source.

- __The Corresponding Source for a work in source code form is that
+ The Corresponding Source for a work in source code form is that
  same work.
```

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```
- __2. Basic Permissions.
+ 2. Basic Permissions.

- __All rights granted under this License are granted for the term of
+ All rights granted under this License are granted for the term of
  copyright on the Program, and are irrevocable provided the stated
  conditions are met.  This License explicitly affirms your unlimited
  permission to run the unmodified Program.  The output from running a
  covered work is covered by this License only if the output, given its
  content, constitutes a covered work.  This License acknowledges your
  rights of fair use or other equivalent, as provided by copyright law.

- __You may make, run and propagate covered works that you do not
+ You may make, run and propagate covered works that you do not
  convey, without conditions so long as your license otherwise remains
  in force.  You may convey covered works to others for the sole purpose
  of having them make modifications exclusively for you, or provide you
  and control, on terms that prohibit them from making any copies of
  your copyrighted material outside their relationship with you.

- __Conveying under any other circumstances is permitted solely under
+ Conveying under any other circumstances is permitted solely under
  the conditions stated below.  Sublicensing is not allowed; section 10
  makes it unnecessary.

- __3. Protecting Users' Legal Rights From Anti-Circumvention Law.
+ 3. Protecting Users' Legal Rights From Anti-Circumvention Law.

- __No covered work shall be deemed part of an effective technological
+ No covered work shall be deemed part of an effective technological
  measure under any applicable law fulfilling obligations under article
  11 of the WIPO copyright treaty adopted on 20 December 1996, or
  similar laws prohibiting or restricting circumvention of such
  measures.

- __When you convey a covered work, you waive any legal power to forbid
+ When you convey a covered work, you waive any legal power to forbid
  circumvention of technological measures to the extent such circumvention
  is effected by exercising rights under this License with respect to
  the covered work, and you disclaim any intention to limit operation or
  modification of the work as a means of enforcing, against the work's
  users, your or third parties' legal rights to forbid circumvention of
  technological measures.

- __4. Conveying Verbatim Copies.
+ 4. Conveying Verbatim Copies.

- __You may convey verbatim copies of the Program's source code as you
+ You may convey verbatim copies of the Program's source code as you
  receive it, in any medium, provided that you conspicuously and
  appropriately publish on each copy an appropriate copyright notice;
  keep intact all notices stating that this License and any
  non-permissive terms added in accord with section 7 apply to the code;
  keep intact all notices of the absence of any warranty; and give all
  recipients a copy of this License along with the Program.

- __You may charge any price or no price for each copy that you convey,
+ You may charge any price or no price for each copy that you convey,
  and you may offer support or warranty protection for a fee.

- __5. Conveying Modified Source Versions.
+ 5. Conveying Modified Source Versions.
```

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```
-  You may convey a work based on the Program, or the modifications to
+ You may convey a work based on the Program, or the modifications to
   produce it from the Program, in the form of source code under the
   terms of section 4, provided that you also meet all of these conditions:

-    a) The work must carry prominent notices stating that you modified
-    it, and giving a relevant date.
+ a) The work must carry prominent notices stating that you modified
+ it, and giving a relevant date.

-    b) The work must carry prominent notices stating that it is
-    released under this License and any conditions added under section
-    7.  This requirement modifies the requirement in section 4 to
-    "keep intact all notices".
+ b) The work must carry prominent notices stating that it is
+ released under this License and any conditions added under section
+ 7.  This requirement modifies the requirement in section 4 to
+ "keep intact all notices".

-    c) You must license the entire work, as a whole, under this
-    License to anyone who comes into possession of a copy.  This
-    License will therefore apply, along with any applicable section 7
-    additional terms, to the whole of the work, and all its parts,
-    regardless of how they are packaged.  This License gives no
-    permission to license the work in any other way, but it does not
-    invalidate such permission if you have separately received it.
+ c) You must license the entire work, as a whole, under this
+ License to anyone who comes into possession of a copy.  This
+ License will therefore apply, along with any applicable section 7
+ additional terms, to the whole of the work, and all its parts,
+ regardless of how they are packaged.  This License gives no
+ permission to license the work in any other way, but it does not
+ invalidate such permission if you have separately received it.

-    d) If the work has interactive user interfaces, each must display
-    Appropriate Legal Notices; however, if the Program has interactive
-    interfaces that do not display Appropriate Legal Notices, your
-    work need not make them do so.
+ d) If the work has interactive user interfaces, each must display
+ Appropriate Legal Notices; however, if the Program has interactive
+ interfaces that do not display Appropriate Legal Notices, your
+ work need not make them do so.

-  A compilation of a covered work with other separate and independent
+ A compilation of a covered work with other separate and independent
   works, which are not by their nature extensions of the covered work,
   and which are not combined with it such as to form a larger program,
   in or on a volume of a storage or distribution medium, is called an
   in an aggregate does not cause this License to apply to the other
   parts of the aggregate.

-  6. Conveying Non-Source Forms.
+ 6. Conveying Non-Source Forms.

-  You may convey a covered work in object code form under the terms
+ You may convey a covered work in object code form under the terms
   of sections 4 and 5, provided that you also convey the
   machine-readable Corresponding Source under the terms of this License,
   in one of these ways:

-    a) Convey the object code in, or embodied in, a physical product
-    (including a physical distribution medium), accompanied by the
-    Corresponding Source fixed on a durable physical medium
```

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```
- ___customarily used for software interchange.
-
- ___b) Convey the object code in, or embodied in, a physical product
- ___(including a physical distribution medium), accompanied by a
- ___written offer, valid for at least three years and valid for as
- ___long as you offer spare parts or customer support for that product
- ___model, to give anyone who possesses the object code either (1) a
- ___copy of the Corresponding Source for all the software in the
- ___product that is covered by this License, on a durable physical
- ___medium customarily used for software interchange, for a price no
- ___more than your reasonable cost of physically performing this
- ___conveying of source, or (2) access to copy the
- ___Corresponding Source from a network server at no charge.
-
- ___c) Convey individual copies of the object code with a copy of the
- ___written offer to provide the Corresponding Source.  This
- ___alternative is allowed only occasionally and noncommercially, and
- ___only if you received the object code with such an offer, in accord
- ___with subsection 6b.
-
- ___d) Convey the object code by offering access from a designated
- ___place (gratis or for a charge), and offer equivalent access to the
- ___Corresponding Source in the same way through the same place at no
- ___further charge.  You need not require recipients to copy the
- ___Corresponding Source along with the object code.  If the place to
- ___copy the object code is a network server, the Corresponding Source
- ___may be on a different server (operated by you or a third party)
- ___that supports equivalent copying facilities, provided you maintain
- ___clear directions next to the object code saying where to find the
- ___Corresponding Source.  Regardless of what server hosts the
- ___Corresponding Source, you remain obligated to ensure that it is
- ___available for as long as needed to satisfy these requirements.
-
- ___e) Convey the object code using peer-to-peer transmission, provided
- ___you inform other peers where the object code and Corresponding
- ___Source of the work are being offered to the general public at no
- ___charge under subsection 6d.
-
- __A separable portion of the object code, whose source code is excluded
+ a) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by the
+ Corresponding Source fixed on a durable physical medium
+ customarily used for software interchange.
+
+ b) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by a
+ written offer, valid for at least three years and valid for as
+ long as you offer spare parts or customer support for that product
+ model, to give anyone who possesses the object code either (1) a
+ copy of the Corresponding Source for all the software in the
+ product that is covered by this License, on a durable physical
+ medium customarily used for software interchange, for a price no
+ more than your reasonable cost of physically performing this
+ conveying of source, or (2) access to copy the
+ Corresponding Source from a network server at no charge.
+
+ c) Convey individual copies of the object code with a copy of the
+ written offer to provide the Corresponding Source.  This
+ alternative is allowed only occasionally and noncommercially, and
+ only if you received the object code with such an offer, in accord
+ with subsection 6b.
+
+ d) Convey the object code by offering access from a designated
```

```
+ place (gratis or for a charge), and offer equivalent access to the
+ Corresponding Source in the same way through the same place at no
+ further charge.  You need not require recipients to copy the
+ Corresponding Source along with the object code.  If the place to
+ copy the object code is a network server, the Corresponding Source
+ may be on a different server (operated by you or a third party)
+ that supports equivalent copying facilities, provided you maintain
+ clear directions next to the object code saying where to find the
+ Corresponding Source.  Regardless of what server hosts the
+ Corresponding Source, you remain obligated to ensure that it is
+ available for as long as needed to satisfy these requirements.
+
+ e) Convey the object code using peer-to-peer transmission, provided
+ you inform other peers where the object code and Corresponding
+ Source of the work are being offered to the general public at no
+ charge under subsection 6d.
+
+ A separable portion of the object code, whose source code is excluded
  from the Corresponding Source as a System Library, need not be
  included in conveying the object code work.

- __A "User Product" is either (1) a "consumer product", which means any
+ A "User Product" is either (1) a "consumer product", which means any
  tangible personal property which is normally used for personal, family,
  or household purposes, or (2) anything designed or sold for incorporation
  into a dwelling.  In determining whether a product is a consumer product,
  commercial, industrial or non-consumer uses, unless such uses represent
  the only significant mode of use of the product.

- __"Installation Information" for a User Product means any methods,
+ "Installation Information" for a User Product means any methods,
  procedures, authorization keys, or other information required to install
  and execute modified versions of a covered work in that User Product from
  a modified version of its Corresponding Source.  The information must
  suffice to ensure that the continued functioning of the modified object
  code is in no case prevented or interfered with solely because
  modification has been made.

- __If you convey an object code work under this section in, or with, or
+ If you convey an object code work under this section in, or with, or
  specifically for use in, a User Product, and the conveying occurs as
  part of a transaction in which the right of possession and use of the
  User Product is transferred to the recipient in perpetuity or for a
  modified object code on the User Product (for example, the work has
  been installed in ROM).

- __The requirement to provide Installation Information does not include a
+ The requirement to provide Installation Information does not include a
  requirement to continue to provide support service, warranty, or updates
  for a work that has been modified or installed by the recipient, or for
  the User Product in which it has been modified or installed.  Access to a
  network may be denied when the modification itself materially and
  adversely affects the operation of the network or violates the rules and
  protocols for communication across the network.

- __Corresponding Source conveyed, and Installation Information provided,
+ Corresponding Source conveyed, and Installation Information provided,
  in accord with this section must be in a format that is publicly
  documented (and with an implementation available to the public in
  source code form), and must require no special password or key for
  unpacking, reading or copying.

- __7. Additional Terms.
```

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```
+ 7. Additional Terms.

- __"Additional permissions" are terms that supplement the terms of this
+ "Additional permissions" are terms that supplement the terms of this
  License by making exceptions from one or more of its conditions.
  Additional permissions that are applicable to the entire Program shall
  be treated as though they were included in this License, to the extent
  under those permissions, but the entire Program remains governed by
  this License without regard to the additional permissions.

- __When you convey a copy of a covered work, you may at your option
+ When you convey a copy of a covered work, you may at your option
  remove any additional permissions from that copy, or from any part of
  it.  (Additional permissions may be written to require their own
  removal in certain cases when you modify the work.)  You may place
  additional permissions on material, added by you to a covered work,
  for which you have or can give appropriate copyright permission.

- __Notwithstanding any other provision of this License, for material you
+ Notwithstanding any other provision of this License, for material you
  add to a covered work, you may (if authorized by the copyright holders of
  that material) supplement the terms of this License with terms:

- ____a) Disclaiming warranty or limiting liability differently from the
- ____terms of sections 15 and 16 of this License; or
+ a) Disclaiming warranty or limiting liability differently from the
+ terms of sections 15 and 16 of this License; or

- ____b) Requiring preservation of specified reasonable legal notices or
- ____author attributions in that material or in the Appropriate Legal
- ____Notices displayed by works containing it; or
+ b) Requiring preservation of specified reasonable legal notices or
+ author attributions in that material or in the Appropriate Legal
+ Notices displayed by works containing it; or

- ____c) Prohibiting misrepresentation of the origin of that material, or
- ____requiring that modified versions of such material be marked in
- ____reasonable ways as different from the original version; or
+ c) Prohibiting misrepresentation of the origin of that material, or
+ requiring that modified versions of such material be marked in
+ reasonable ways as different from the original version; or

- ____d) Limiting the use for publicity purposes of names of licensors or
- ____authors of the material; or
+ d) Limiting the use for publicity purposes of names of licensors or
+ authors of the material; or

- ____e) Declining to grant rights under trademark law for use of some
- ____trade names, trademarks, or service marks; or
+ e) Declining to grant rights under trademark law for use of some
+ trade names, trademarks, or service marks; or

- ____f) Requiring indemnification of licensors and authors of that
- ____material by anyone who conveys the material (or modified versions of
- ____it) with contractual assumptions of liability to the recipient, for
- ____any liability that these contractual assumptions directly impose on
- ____those licensors and authors.
+ f) Requiring indemnification of licensors and authors of that
+ material by anyone who conveys the material (or modified versions of
+ it) with contractual assumptions of liability to the recipient, for
+ any liability that these contractual assumptions directly impose on
+ those licensors and authors.
```

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```
-  All other non-permissive additional terms are considered "further
+ All other non-permissive additional terms are considered "further
  restrictions" within the meaning of section 10.  If the Program as you
  received it, or any part of it, contains a notice stating that it is
- governed by this License along with a term that is a further restriction,
- you may remove that term.  If a license document contains a further
- restriction but permits relicensing or conveying under this License, you
- may add to a covered work material governed by the terms of that license
- document, provided that the further restriction does not survive such
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-    7.  This requirement modifies the requirement in section 4 to
-    "keep intact all notices".
+ b) The work must carry prominent notices stating that it is
+ released under this License and any conditions added under section
+ 7.  This requirement modifies the requirement in section 4 to
+ "keep intact all notices".
 
@@ -209,7 +210,7 @@
 
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-    License will therefore apply, along with any applicable section 7
-    additional terms, to the whole of the work, and all its parts,
-    regardless of how they are packaged.  This License gives no
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-    invalidate such permission if you have separately received it.
+ c) You must license the entire work, as a whole, under this
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+ License will therefore apply, along with any applicable section 7
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+ permission to license the work in any other way, but it does not
+ invalidate such permission if you have separately received it.

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- ____Appropriate Legal Notices; however, if the Program has interactive
- ____interfaces that do not display Appropriate Legal Notices, your
- ____work need not make them do so.
+ d) If the work has interactive user interfaces, each must display
+ Appropriate Legal Notices; however, if the Program has interactive
+ interfaces that do not display Appropriate Legal Notices, your
+ work need not make them do so.

- __A compilation of a covered work with other separate and independent
+ A compilation of a covered work with other separate and independent
  works, which are not by their nature extensions of the covered work,
  and which are not combined with it such as to form a larger program,
  in or on a volume of a storage or distribution medium, is called an
  in an aggregate does not cause this License to apply to the other
  parts of the aggregate.

- __6. Conveying Non-Source Forms.
+ 6. Conveying Non-Source Forms.

- __You may convey a covered work in object code form under the terms
+ You may convey a covered work in object code form under the terms
  of sections 4 and 5, provided that you also convey the
  machine-readable Corresponding Source under the terms of this License,
  in one of these ways:

- ____a) Convey the object code in, or embodied in, a physical product
- ____(including a physical distribution medium), accompanied by the
- ____Corresponding Source fixed on a durable physical medium
- ____customarily used for software interchange.
-
- ____b) Convey the object code in, or embodied in, a physical product
- ____(including a physical distribution medium), accompanied by a
- ____written offer, valid for at least three years and valid for as
- ____long as you offer spare parts or customer support for that product
- ____model, to give anyone who possesses the object code either (1) a
- ____copy of the Corresponding Source for all the software in the
- ____product that is covered by this License, on a durable physical
- ____medium customarily used for software interchange, for a price no
- ____more than your reasonable cost of physically performing this
- ____conveying of source, or (2) access to copy the
- ____Corresponding Source from a network server at no charge.
-
- ____c) Convey individual copies of the object code with a copy of the
- ____written offer to provide the Corresponding Source.  This
- ____alternative is allowed only occasionally and noncommercially, and
- ____only if you received the object code with such an offer, in accord
- ____with subsection 6b.
-
- ____d) Convey the object code by offering access from a designated
- ____place (gratis or for a charge), and offer equivalent access to the
- ____Corresponding Source in the same way through the same place at no
- ____further charge.  You need not require recipients to copy the
- ____Corresponding Source along with the object code.  If the place to
- ____copy the object code is a network server, the Corresponding Source
- ____may be on a different server (operated by you or a third party)
```

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```
- ___that supports equivalent copying facilities, provided you maintain
- ___clear directions next to the object code saying where to find the
- ___Corresponding Source.  Regardless of what server hosts the
- ___Corresponding Source, you remain obligated to ensure that it is
- ___available for as long as needed to satisfy these requirements.
-
- ___e) Convey the object code using peer-to-peer transmission, provided
- ___you inform other peers where the object code and Corresponding
- ___Source of the work are being offered to the general public at no
- ___charge under subsection 6d.
-
- __A separable portion of the object code, whose source code is excluded
+ a) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by the
+ Corresponding Source fixed on a durable physical medium
+ customarily used for software interchange.
+
+ b) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by a
+ written offer, valid for at least three years and valid for as
+ long as you offer spare parts or customer support for that product
+ model, to give anyone who possesses the object code either (1) a
+ copy of the Corresponding Source for all the software in the
+ product that is covered by this License, on a durable physical
+ medium customarily used for software interchange, for a price no
+ more than your reasonable cost of physically performing this
+ conveying of source, or (2) access to copy the
+ Corresponding Source from a network server at no charge.
+
+ c) Convey individual copies of the object code with a copy of the
+ written offer to provide the Corresponding Source.  This
+ alternative is allowed only occasionally and noncommercially, and
+ only if you received the object code with such an offer, in accord
+ with subsection 6b.
+
+ d) Convey the object code by offering access from a designated
+ place (gratis or for a charge), and offer equivalent access to the
+ Corresponding Source in the same way through the same place at no
+ further charge.  You need not require recipients to copy the
+ Corresponding Source along with the object code.  If the place to
+ copy the object code is a network server, the Corresponding Source
+ may be on a different server (operated by you or a third party)
+ that supports equivalent copying facilities, provided you maintain
+ clear directions next to the object code saying where to find the
+ Corresponding Source.  Regardless of what server hosts the
+ Corresponding Source, you remain obligated to ensure that it is
+ available for as long as needed to satisfy these requirements.
+
+ e) Convey the object code using peer-to-peer transmission, provided
+ you inform other peers where the object code and Corresponding
+ Source of the work are being offered to the general public at no
+ charge under subsection 6d.
+
+ A separable portion of the object code, whose source code is excluded
  from the Corresponding Source as a System Library, need not be
  included in conveying the object code work.

- __A "User Product" is either (1) a "consumer product", which means any
+ A "User Product" is either (1) a "consumer product", which means any
  tangible personal property which is normally used for personal, family,
  or household purposes, or (2) anything designed or sold for incorporation
  into a dwelling.  In determining whether a product is a consumer product,
  commercial, industrial or non-consumer uses, unless such uses represent
```

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```
313 296   the only significant mode of use of the product.
314 297
315     - __"Installation Information" for a User Product means any methods,
    298 + "Installation Information" for a User Product means any methods,
316 299   procedures, authorization keys, or other information required to install
317 300   and execute modified versions of a covered work in that User Product from
318 301   a modified version of its Corresponding Source.  The information must
319 302   suffice to ensure that the continued functioning of the modified object
320 303   code is in no case prevented or interfered with solely because
321 304   modification has been made.
322 305
323     - __If you convey an object code work under this section in, or with, or
    306 + If you convey an object code work under this section in, or with, or
324 307   specifically for use in, a User Product, and the conveying occurs as
325 308   part of a transaction in which the right of possession and use of the
326 309   User Product is transferred to the recipient in perpetuity or for a
331 314   modified object code on the User Product (for example, the work has
332 315   been installed in ROM).
333 316
334     - __The requirement to provide Installation Information does not include a
    317 + The requirement to provide Installation Information does not include a
335 318   requirement to continue to provide support service, warranty, or updates
336 319   for a work that has been modified or installed by the recipient, or for
337 320   the User Product in which it has been modified or installed.  Access to a
338 321   network may be denied when the modification itself materially and
339 322   adversely affects the operation of the network or violates the rules and
340 323   protocols for communication across the network.
341 324
342     - __Corresponding Source conveyed, and Installation Information provided,
    325 + Corresponding Source conveyed, and Installation Information provided,
343 326   in accord with this section must be in a format that is publicly
344 327   documented (and with an implementation available to the public in
345 328   source code form), and must require no special password or key for
346 329   unpacking, reading or copying.
347 330
348     - __7. Additional Terms.
    331 + 7. Additional Terms.
349 332
350     - __"Additional permissions" are terms that supplement the terms of this
    333 + "Additional permissions" are terms that supplement the terms of this
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410 393   the above requirements apply either way.
411 394
412       - __8. Termination.
    395   + 8. Termination.
413 396
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422 405   provisionally, unless and until the copyright holder explicitly and
423 406   finally terminates your license, and (b) permanently, if the copyright
424 407   holder fails to notify you of the violation by some reasonable means
425 408   prior to 60 days after the cessation.
426 409
427       - __Moreover, your license from a particular copyright holder is
    410   + Moreover, your license from a particular copyright holder is
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444 427   occurring solely as a consequence of using peer-to-peer transmission
445 428   to receive a copy likewise does not require acceptance.  However,
448 431   not accept this License.  Therefore, by modifying or propagating a
449 432   covered work, you indicate your acceptance of this License to do so.
450 433
451       - __10. Automatic Licensing of Downstream Recipients.
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452 435
453       - __Each time you convey a covered work, the recipient automatically
    436   + Each time you convey a covered work, the recipient automatically
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455 438   propagate that work, subject to this License.  You are not responsible
456 439   for enforcing compliance by third parties with this License.
457 440
458       - __An "entity transaction" is a transaction transferring control of an
    441   + An "entity transaction" is a transaction transferring control of an
459 442   organization, or substantially all assets of one, or subdividing an
460 443   organization, or merging organizations.  If propagation of a covered
461 444   work results from an entity transaction, each party to that
465 448   Corresponding Source of the work from the predecessor in interest, if
466 449   the predecessor has it or can get it with reasonable efforts.
467 450
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+ 17. Interpretation of Sections 15 and 16.

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+ If the disclaimer of warranty and limitation of liability provided
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```
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+ along with this program.  If not, see <https://www.gnu.org/licenses/>.

  Also add information on how to contact you by electronic and paper mail.

- __If your software can interact with users remotely through a computer
+ If your software can interact with users remotely through a computer
  network, you should also make sure that it provides a way for users to
  get its source.  For example, if your program is a web application, its
  interface could display a "Source" link that leads users to an archive
  of the code.  There are many ways you could offer source, and different
  solutions will be better for different programs; see section 13 for the
  specific requirements.

- __You should also get your employer (if you work as a programmer) or school,
+ You should also get your employer (if you work as a programmer) or school,
  if any, to sign a "copyright disclaimer" for the program, if necessary.
  For more information on this, and how to apply and follow the GNU AGPL, see
- <http://www.gnu.org/licenses/>.
-
-
- "Commons Clause" License Condition
```

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```
682       -
683       - The Software is provided to you by the Licensor under the License, as
684       - defined below, subject to the following condition. Without limiting
685       - other conditions in the License, the grant of rights under the License
686       - will not include, and the License does not grant to you, the right to
687       - Sell the Software.  For purposes of the foregoing, "Sell" means
688       - practicing any or all of the rights granted to you under the License
689       - to provide to third parties, for a fee or other consideration,
690       - a product or service that consists, entirely or substantially,
691       - of the Software or the functionality of the Software. Any license
692       - notice or attribution required by the License must also include
693       - this Commons Cause License Condition notice.
      661 + <https://www.gnu.org/licenses/>.
```

486 enterprise/cypher/compatibility-spec-suite/LICENSE.txt

```
...   ...   @@ -1,51 +1,35 @@
1           - NOTICE
2           - This package contains software licensed under different
3           - licenses, please refer to the NOTICE.txt file for further
4           - information and LICENSES.txt for full license texts.
      1     + GNU AFFERO GENERAL PUBLIC LICENSE
      2     +   Version 3, 19 November 2007
5     3
6           - Neo4j Enterprise object code can be licensed independently from
7           - the source under separate commercial terms. Email inquiries can be
8           - directed to: licensing@neo4j.com. More information is also
9           - available at:https://neo4j.com/licensing/
      4     + Copyright (C) 2007 Free Software Foundation, Inc. <https://fsf.org/>
      5     + Everyone is permitted to copy and distribute verbatim copies
      6     + of this license document, but changing it is not allowed.
10    7
11          - The software ("Software") is developed and owned by Neo4j Sweden AB
12          - (referred to in this notice as “Neo4j”) and is subject to the terms
13          - of the GNU AFFERO GENERAL PUBLIC LICENSE Version 3, with the Commons Clause as follows:
      8     + Preamble
14    9
15          -
16          -
17          -                     GNU AFFERO GENERAL PUBLIC LICENSE
18          -                        Version 3, 19 November 2007
19          -
20          -  Copyright (C) 2007 Free Software Foundation, Inc. <http://fsf.org/>
21          -  Everyone is permitted to copy and distribute verbatim copies
22          -  of this license document, but changing it is not allowed.
23          -
24          -                            Preamble
25          -
26          -   The GNU Affero General Public License is a free, copyleft license
27          - for software and other kinds of works, specifically designed to ensure
      10    + The GNU Affero General Public License is a free, copyleft license for
      11    + software and other kinds of works, specifically designed to ensure
28    12      cooperation with the community in the case of network server software.
29    13
30          - __The licenses for most software and other practical works are
31          - designed to take away your freedom to share and change the works.  By
32          - contrast, our General Public Licenses are intended to guarantee your
33          - freedom to share and change all versions of a program--to make sure it
34          - remains free software for all its users.
      14    + The licenses for most software and other practical works are designed
      15    + to take away your freedom to share and change the works.  By contrast,
      16    + our General Public Licenses are intended to guarantee your freedom to
      17    + share and change all versions of a program--to make sure it remains free
```

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```
+ software for all its users.

-  When we speak of free software, we are referring to freedom, not
+ When we speak of free software, we are referring to freedom, not
  price.  Our General Public Licenses are designed to make sure that you
  have the freedom to distribute copies of free software (and charge for
  them if you wish), that you receive source code or can get it if you
  want it, that you can change the software or use pieces of it in new
  free programs, and that you know you can do these things.

-  Developers that use our General Public Licenses protect your rights
+ Developers that use our General Public Licenses protect your rights
  with two steps: (1) assert copyright on the software, and (2) offer
  you this License which gives you legal permission to copy, distribute
  and/or modify the software.

-  A secondary benefit of defending all users' freedom is that
+ A secondary benefit of defending all users' freedom is that
  improvements made in alternate versions of the program, if they
  receive widespread use, become available for other developers to
  incorporate.  Many developers of free software are heartened and
  letting the public access it on a server without ever releasing its
  source code to the public.

-  The GNU Affero General Public License is designed specifically to
+ The GNU Affero General Public License is designed specifically to
  ensure that, in such cases, the modified source code becomes available
  to the community.  It requires the operator of a network server to
  provide the source code of the modified version running there to the
  users of that server.  Therefore, public use of a modified version, on
  a publicly accessible server, gives the public access to the source
  code of the modified version.

-  An older license, called the Affero General Public License and
+ An older license, called the Affero General Public License and
  published by Affero, was designed to accomplish similar goals.  This is
  a different license, not a version of the Affero GPL, but Affero has
  released a new version of the Affero GPL which permits relicensing under
  this license.

-  The precise terms and conditions for copying, distribution and
+ The precise terms and conditions for copying, distribution and
  modification follow.

-                       TERMS AND CONDITIONS
+ TERMS AND CONDITIONS
+
+ 0. Definitions.

-  0. Definitions.
+ "This License" refers to version 3 of the GNU Affero General Public License.

-  "This License" refers to version 3 of the GNU Affero General Public
- License.
+ "Copyright" also means copyright-like laws that apply to other kinds of
+ works, such as semiconductor masks.

-  "Copyright" also means copyright-like laws that apply to other kinds
- of works, such as semiconductor masks.
-
-  "The Program" refers to any copyrightable work licensed under this
+ "The Program" refers to any copyrightable work licensed under this
  License.  Each licensee is addressed as "you".  "Licensees" and
```

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```
"recipients" may be individuals or organizations.

- __To "modify" a work means to copy from or adapt all or part of the work
+ To "modify" a work means to copy from or adapt all or part of the work
in a fashion requiring copyright permission, other than the making of an
exact copy.  The resulting work is called a "modified version" of the
earlier work or a work "based on" the earlier work.

- __A "covered work" means either the unmodified Program or a work based
+ A "covered work" means either the unmodified Program or a work based
on the Program.

- __To "propagate" a work means to do anything with it that, without
+ To "propagate" a work means to do anything with it that, without
permission, would make you directly or secondarily liable for
infringement under applicable copyright law, except executing it on a
computer or modifying a private copy.  Propagation includes copying,
distribution (with or without modification), making available to the
public, and in some countries other activities as well.

- __To "convey" a work means any kind of propagation that enables other
+ To "convey" a work means any kind of propagation that enables other
parties to make or receive copies.  Mere interaction with a user through
a computer network, with no transfer of a copy, is not conveying.

- __An interactive user interface displays "Appropriate Legal Notices"
+ An interactive user interface displays "Appropriate Legal Notices"
to the extent that it includes a convenient and prominently visible
feature that (1) displays an appropriate copyright notice, and (2)
tells the user that there is no warranty for the work (except to the
the interface presents a list of user commands or options, such as a
menu, a prominent item in the list meets this criterion.

- __1. Source Code.
+ 1. Source Code.

- __The "source code" for a work means the preferred form of the work
+ The "source code" for a work means the preferred form of the work
for making modifications to it.  "Object code" means any non-source
form of a work.

- __A "Standard Interface" means an interface that either is an official
+ A "Standard Interface" means an interface that either is an official
standard defined by a recognized standards body, or, in the case of
interfaces specified for a particular programming language, one that
is widely used among developers working in that language.

- __The "System Libraries" of an executable work include anything, other
+ The "System Libraries" of an executable work include anything, other
than the work as a whole, that (a) is included in the normal form of
packaging a Major Component, but which is not part of that Major
Component, and (b) serves only to enable use of the work with that
(if any) on which the executable work runs, or a compiler used to
produce the work, or an object code interpreter used to run it.

- __The "Corresponding Source" for a work in object code form means all
+ The "Corresponding Source" for a work in object code form means all
the source code needed to generate, install, and (for an executable
work) run the object code and to modify the work, including scripts to
control those activities.  However, it does not include the work's
such as by intimate data communication or control flow between those
subprograms and other parts of the work.
```

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```
- __The Corresponding Source need not include anything that users
+ The Corresponding Source need not include anything that users
  can regenerate automatically from other parts of the Corresponding
  Source.

- __The Corresponding Source for a work in source code form is that
+ The Corresponding Source for a work in source code form is that
  same work.

- __2. Basic Permissions.
+ 2. Basic Permissions.

- __All rights granted under this License are granted for the term of
+ All rights granted under this License are granted for the term of
  copyright on the Program, and are irrevocable provided the stated
  conditions are met.  This License explicitly affirms your unlimited
  permission to run the unmodified Program.  The output from running a
  covered work is covered by this License only if the output, given its
  content, constitutes a covered work.  This License acknowledges your
  rights of fair use or other equivalent, as provided by copyright law.

- __You may make, run and propagate covered works that you do not
+ You may make, run and propagate covered works that you do not
  convey, without conditions so long as your license otherwise remains
  in force.  You may convey covered works to others for the sole purpose
  of having them make modifications exclusively for you, or provide you
  and control, on terms that prohibit them from making any copies of
  your copyrighted material outside their relationship with you.

- __Conveying under any other circumstances is permitted solely under
+ Conveying under any other circumstances is permitted solely under
  the conditions stated below.  Sublicensing is not allowed; section 10
  makes it unnecessary.

- __3. Protecting Users' Legal Rights From Anti-Circumvention Law.
+ 3. Protecting Users' Legal Rights From Anti-Circumvention Law.

- __No covered work shall be deemed part of an effective technological
+ No covered work shall be deemed part of an effective technological
  measure under any applicable law fulfilling obligations under article
  11 of the WIPO copyright treaty adopted on 20 December 1996, or
  similar laws prohibiting or restricting circumvention of such
  measures.

- __When you convey a covered work, you waive any legal power to forbid
+ When you convey a covered work, you waive any legal power to forbid
  circumvention of technological measures to the extent such circumvention
  is effected by exercising rights under this License with respect to
  the covered work, and you disclaim any intention to limit operation or
  modification of the work as a means of enforcing, against the work's
  users, your or third parties' legal rights to forbid circumvention of
  technological measures.

- __4. Conveying Verbatim Copies.
+ 4. Conveying Verbatim Copies.

- __You may convey verbatim copies of the Program's source code as you
+ You may convey verbatim copies of the Program's source code as you
  receive it, in any medium, provided that you conspicuously and
  appropriately publish on each copy an appropriate copyright notice;
  keep intact all notices stating that this License and any
  non-permissive terms added in accord with section 7 apply to the code;
  keep intact all notices of the absence of any warranty; and give all
```

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```
   recipients a copy of this License along with the Program.

- __You may charge any price or no price for each copy that you convey,
+ You may charge any price or no price for each copy that you convey,
   and you may offer support or warranty protection for a fee.

- __5. Conveying Modified Source Versions.
+ 5. Conveying Modified Source Versions.

- __You may convey a work based on the Program, or the modifications to
+ You may convey a work based on the Program, or the modifications to
   produce it from the Program, in the form of source code under the
   terms of section 4, provided that you also meet all of these conditions:

- ____a) The work must carry prominent notices stating that you modified
- ____it, and giving a relevant date.
+ a) The work must carry prominent notices stating that you modified
+ it, and giving a relevant date.

- ____b) The work must carry prominent notices stating that it is
- ____released under this License and any conditions added under section
- ____7.  This requirement modifies the requirement in section 4 to
- ____"keep intact all notices".
+ b) The work must carry prominent notices stating that it is
+ released under this License and any conditions added under section
+ 7.  This requirement modifies the requirement in section 4 to
+ "keep intact all notices".

- ____c) You must license the entire work, as a whole, under this
- ____License to anyone who comes into possession of a copy.  This
- ____License will therefore apply, along with any applicable section 7
- ____additional terms, to the whole of the work, and all its parts,
- ____regardless of how they are packaged.  This License gives no
- ____permission to license the work in any other way, but it does not
- ____invalidate such permission if you have separately received it.
+ c) You must license the entire work, as a whole, under this
+ License to anyone who comes into possession of a copy.  This
+ License will therefore apply, along with any applicable section 7
+ additional terms, to the whole of the work, and all its parts,
+ regardless of how they are packaged.  This License gives no
+ permission to license the work in any other way, but it does not
+ invalidate such permission if you have separately received it.

- ____d) If the work has interactive user interfaces, each must display
- ____Appropriate Legal Notices; however, if the Program has interactive
- ____interfaces that do not display Appropriate Legal Notices, your
- ____work need not make them do so.
+ d) If the work has interactive user interfaces, each must display
+ Appropriate Legal Notices; however, if the Program has interactive
+ interfaces that do not display Appropriate Legal Notices, your
+ work need not make them do so.

- __A compilation of a covered work with other separate and independent
+ A compilation of a covered work with other separate and independent
   works, which are not by their nature extensions of the covered work,
   and which are not combined with it such as to form a larger program,
   in or on a volume of a storage or distribution medium, is called an
   in an aggregate does not cause this License to apply to the other
   parts of the aggregate.

- __6. Conveying Non-Source Forms.
+ 6. Conveying Non-Source Forms.
```

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```
-  You may convey a covered work in object code form under the terms
+ You may convey a covered work in object code form under the terms
  of sections 4 and 5, provided that you also convey the
  machine-readable Corresponding Source under the terms of this License,
  in one of these ways:

-    a) Convey the object code in, or embodied in, a physical product
-    (including a physical distribution medium), accompanied by the
-    Corresponding Source fixed on a durable physical medium
-    customarily used for software interchange.
-
-    b) Convey the object code in, or embodied in, a physical product
-    (including a physical distribution medium), accompanied by a
-    written offer, valid for at least three years and valid for as
-    long as you offer spare parts or customer support for that product
-    model, to give anyone who possesses the object code either (1) a
-    copy of the Corresponding Source for all the software in the
-    product that is covered by this License, on a durable physical
-    medium customarily used for software interchange, for a price no
-    more than your reasonable cost of physically performing this
-    conveying of source, or (2) access to copy the
-    Corresponding Source from a network server at no charge.
-
-    c) Convey individual copies of the object code with a copy of the
-    written offer to provide the Corresponding Source.  This
-    alternative is allowed only occasionally and noncommercially, and
-    only if you received the object code with such an offer, in accord
-    with subsection 6b.
-
-    d) Convey the object code by offering access from a designated
-    place (gratis or for a charge), and offer equivalent access to the
-    Corresponding Source in the same way through the same place at no
-    further charge.  You need not require recipients to copy the
-    Corresponding Source along with the object code.  If the place to
-    copy the object code is a network server, the Corresponding Source
-    may be on a different server (operated by you or a third party)
-    that supports equivalent copying facilities, provided you maintain
-    clear directions next to the object code saying where to find the
-    Corresponding Source.  Regardless of what server hosts the
-    Corresponding Source, you remain obligated to ensure that it is
-    available for as long as needed to satisfy these requirements.
-
-    e) Convey the object code using peer-to-peer transmission, provided
-    you inform other peers where the object code and Corresponding
-    Source of the work are being offered to the general public at no
-    charge under subsection 6d.
-
-  A separable portion of the object code, whose source code is excluded
+ a) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by the
+ Corresponding Source fixed on a durable physical medium
+ customarily used for software interchange.
+
+ b) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by a
+ written offer, valid for at least three years and valid for as
+ long as you offer spare parts or customer support for that product
+ model, to give anyone who possesses the object code either (1) a
+ copy of the Corresponding Source for all the software in the
+ product that is covered by this License, on a durable physical
+ medium customarily used for software interchange, for a price no
+ more than your reasonable cost of physically performing this
+ conveying of source, or (2) access to copy the
```

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```
+ Corresponding Source from a network server at no charge.
+
+ c) Convey individual copies of the object code with a copy of the
+ written offer to provide the Corresponding Source.  This
+ alternative is allowed only occasionally and noncommercially, and
+ only if you received the object code with such an offer, in accord
+ with subsection 6b.
+
+ d) Convey the object code by offering access from a designated
+ place (gratis or for a charge), and offer equivalent access to the
+ Corresponding Source in the same way through the same place at no
+ further charge.  You need not require recipients to copy the
+ Corresponding Source along with the object code.  If the place to
+ copy the object code is a network server, the Corresponding Source
+ may be on a different server (operated by you or a third party)
+ that supports equivalent copying facilities, provided you maintain
+ clear directions next to the object code saying where to find the
+ Corresponding Source.  Regardless of what server hosts the
+ Corresponding Source, you remain obligated to ensure that it is
+ available for as long as needed to satisfy these requirements.
+
+ e) Convey the object code using peer-to-peer transmission, provided
+ you inform other peers where the object code and Corresponding
+ Source of the work are being offered to the general public at no
+ charge under subsection 6d.
+
+ A separable portion of the object code, whose source code is excluded
  from the Corresponding Source as a System Library, need not be
  included in conveying the object code work.

- __A "User Product" is either (1) a "consumer product", which means any
+ A "User Product" is either (1) a "consumer product", which means any
  tangible personal property which is normally used for personal, family,
  or household purposes, or (2) anything designed or sold for incorporation
  into a dwelling.  In determining whether a product is a consumer product,
  commercial, industrial or non-consumer uses, unless such uses represent
  the only significant mode of use of the product.

- __"Installation Information" for a User Product means any methods,
+ "Installation Information" for a User Product means any methods,
  procedures, authorization keys, or other information required to install
  and execute modified versions of a covered work in that User Product from
  a modified version of its Corresponding Source.  The information must
  suffice to ensure that the continued functioning of the modified object
  code is in no case prevented or interfered with solely because
  modification has been made.

- __If you convey an object code work under this section in, or with, or
+ If you convey an object code work under this section in, or with, or
  specifically for use in, a User Product, and the conveying occurs as
  part of a transaction in which the right of possession and use of the
  User Product is transferred to the recipient in perpetuity or for a
  modified object code on the User Product (for example, the work has
  been installed in ROM).

- __The requirement to provide Installation Information does not include a
+ The requirement to provide Installation Information does not include a
  requirement to continue to provide support service, warranty, or updates
  for a work that has been modified or installed by the recipient, or for
  the User Product in which it has been modified or installed.  Access to a
  network may be denied when the modification itself materially and
  adversely affects the operation of the network or violates the rules and
  protocols for communication across the network.
```

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```
341  324
342        - __Corresponding Source conveyed, and Installation Information provided,
     325    + Corresponding Source conveyed, and Installation Information provided,
343  326      in accord with this section must be in a format that is publicly
344  327      documented (and with an implementation available to the public in
345  328      source code form), and must require no special password or key for
346  329      unpacking, reading or copying.
347  330
348        - __7. Additional Terms.
     331    + 7. Additional Terms.
349  332
350        - __"Additional permissions" are terms that supplement the terms of this
     333    + "Additional permissions" are terms that supplement the terms of this
351  334      License by making exceptions from one or more of its conditions.
352  335      Additional permissions that are applicable to the entire Program shall
353  336      be treated as though they were included in this License, to the extent
356  339      under those permissions, but the entire Program remains governed by
357  340      this License without regard to the additional permissions.
358  341
359        - __When you convey a copy of a covered work, you may at your option
     342    + When you convey a copy of a covered work, you may at your option
360  343      remove any additional permissions from that copy, or from any part of
361  344      it.  (Additional permissions may be written to require their own
362  345      removal in certain cases when you modify the work.)  You may place
363  346      additional permissions on material, added by you to a covered work,
364  347      for which you have or can give appropriate copyright permission.
365  348
366        - __Notwithstanding any other provision of this License, for material you
     349    + Notwithstanding any other provision of this License, for material you
367  350      add to a covered work, you may (if authorized by the copyright holders of
368  351      that material) supplement the terms of this License with terms:
369  352
370        - ____a) Disclaiming warranty or limiting liability differently from the
371        - ____terms of sections 15 and 16 of this License; or
     353    + a) Disclaiming warranty or limiting liability differently from the
     354    + terms of sections 15 and 16 of this License; or
372  355
373        - ____b) Requiring preservation of specified reasonable legal notices or
374        - ____author attributions in that material or in the Appropriate Legal
375        - ____Notices displayed by works containing it; or
     356    + b) Requiring preservation of specified reasonable legal notices or
     357    + author attributions in that material or in the Appropriate Legal
     358    + Notices displayed by works containing it; or
376  359
377        - ____c) Prohibiting misrepresentation of the origin of that material, or
378        - ____requiring that modified versions of such material be marked in
379        - ____reasonable ways as different from the original version; or
     360    + c) Prohibiting misrepresentation of the origin of that material, or
     361    + requiring that modified versions of such material be marked in
     362    + reasonable ways as different from the original version; or
380  363
381        - ____d) Limiting the use for publicity purposes of names of licensors or
382        - ____authors of the material; or
     364    + d) Limiting the use for publicity purposes of names of licensors or
     365    + authors of the material; or
383  366
384        - ____e) Declining to grant rights under trademark law for use of some
385        - ____trade names, trademarks, or service marks; or
     367    + e) Declining to grant rights under trademark law for use of some
     368    + trade names, trademarks, or service marks; or
386  369
387        - ____f) Requiring indemnification of licensors and authors of that
388        - ____material by anyone who conveys the material (or modified versions of
```

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```
- ___it) with contractual assumptions of liability to the recipient, for
- ___any liability that these contractual assumptions directly impose on
- ___those licensors and authors.
+ f) Requiring indemnification of licensors and authors of that
+ material by anyone who conveys the material (or modified versions of
+ it) with contractual assumptions of liability to the recipient, for
+ any liability that these contractual assumptions directly impose on
+ those licensors and authors.

- __All other non-permissive additional terms are considered "further
+ All other non-permissive additional terms are considered "further
  restrictions" within the meaning of section 10.  If the Program as you
  received it, or any part of it, contains a notice stating that it is
- governed by this License along with a term that is a further restriction,
- you may remove that term.  If a license document contains a further
- restriction but permits relicensing or conveying under this License, you
- may add to a covered work material governed by the terms of that license
- document, provided that the further restriction does not survive such
- relicensing or conveying.
-
- __If you add terms to a covered work in accord with this section, you
+ governed by this License along with a term that is a further
+ restriction, you may remove that term.  If a license document contains
+ a further restriction but permits relicensing or conveying under this
+ License, you may add to a covered work material governed by the terms
+ of that license document, provided that the further restriction does
+ not survive such relicensing or conveying.
+
+ If you add terms to a covered work in accord with this section, you
  must place, in the relevant source files, a statement of the
  additional terms that apply to those files, or a notice indicating
  where to find the applicable terms.

- __Additional terms, permissive or non-permissive, may be stated in the
+ Additional terms, permissive or non-permissive, may be stated in the
  form of a separately written license, or stated as exceptions;
  the above requirements apply either way.

- __8. Termination.
+ 8. Termination.

- __You may not propagate or modify a covered work except as expressly
+ You may not propagate or modify a covered work except as expressly
  provided under this License.  Any attempt otherwise to propagate or
  modify it is void, and will automatically terminate your rights under
  this License (including any patent licenses granted under the third
  paragraph of section 11).

- __However, if you cease all violation of this License, then your
+ However, if you cease all violation of this License, then your
  license from a particular copyright holder is reinstated (a)
  provisionally, unless and until the copyright holder explicitly and
  finally terminates your license, and (b) permanently, if the copyright
  holder fails to notify you of the violation by some reasonable means
  prior to 60 days after the cessation.

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180       - __Conveying under any other circumstances is permitted solely under
    163   + Conveying under any other circumstances is permitted solely under
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182 165   makes it unnecessary.
183 166
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206 189   non-permissive terms added in accord with section 7 apply to the code;
207 190   keep intact all notices of the absence of any warranty; and give all
208 191   recipients a copy of this License along with the Program.
209 192
210       - __You may charge any price or no price for each copy that you convey,
    193   + You may charge any price or no price for each copy that you convey,
211 194   and you may offer support or warranty protection for a fee.
212 195
213       - __5. Conveying Modified Source Versions.
    196   + 5. Conveying Modified Source Versions.
214 197
215       - __You may convey a work based on the Program, or the modifications to
    198   + You may convey a work based on the Program, or the modifications to
216 199   produce it from the Program, in the form of source code under the
217 200   terms of section 4, provided that you also meet all of these conditions:
218 201
219       - ____a) The work must carry prominent notices stating that you modified
220       - ____it, and giving a relevant date.
    202   + a) The work must carry prominent notices stating that you modified
    203   + it, and giving a relevant date.
221 204
222       - ____b) The work must carry prominent notices stating that it is
223       - ____released under this License and any conditions added under section
224       - ____7.  This requirement modifies the requirement in section 4 to
225       - ____"keep intact all notices".
    205   + b) The work must carry prominent notices stating that it is
    206   + released under this License and any conditions added under section
    207   + 7.  This requirement modifies the requirement in section 4 to
    208   + "keep intact all notices".
```

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```
-    c) You must license the entire work, as a whole, under this
-    License to anyone who comes into possession of a copy.  This
-    License will therefore apply, along with any applicable section 7
-    additional terms, to the whole of the work, and all its parts,
-    regardless of how they are packaged.  This License gives no
-    permission to license the work in any other way, but it does not
-    invalidate such permission if you have separately received it.
+ c) You must license the entire work, as a whole, under this
+ License to anyone who comes into possession of a copy.  This
+ License will therefore apply, along with any applicable section 7
+ additional terms, to the whole of the work, and all its parts,
+ regardless of how they are packaged.  This License gives no
+ permission to license the work in any other way, but it does not
+ invalidate such permission if you have separately received it.

-    d) If the work has interactive user interfaces, each must display
-    Appropriate Legal Notices; however, if the Program has interactive
-    interfaces that do not display Appropriate Legal Notices, your
-    work need not make them do so.
+ d) If the work has interactive user interfaces, each must display
+ Appropriate Legal Notices; however, if the Program has interactive
+ interfaces that do not display Appropriate Legal Notices, your
+ work need not make them do so.

-  A compilation of a covered work with other separate and independent
+ A compilation of a covered work with other separate and independent
  works, which are not by their nature extensions of the covered work,
  and which are not combined with it such as to form a larger program,
  in or on a volume of a storage or distribution medium, is called an
  in an aggregate does not cause this License to apply to the other
  parts of the aggregate.

-  6. Conveying Non-Source Forms.
+ 6. Conveying Non-Source Forms.

-  You may convey a covered work in object code form under the terms
+ You may convey a covered work in object code form under the terms
  of sections 4 and 5, provided that you also convey the
  machine-readable Corresponding Source under the terms of this License,
  in one of these ways:

-    a) Convey the object code in, or embodied in, a physical product
-    (including a physical distribution medium), accompanied by the
-    Corresponding Source fixed on a durable physical medium
-    customarily used for software interchange.
-
-    b) Convey the object code in, or embodied in, a physical product
-    (including a physical distribution medium), accompanied by a
-    written offer, valid for at least three years and valid for as
-    long as you offer spare parts or customer support for that product
-    model, to give anyone who possesses the object code either (1) a
-    copy of the Corresponding Source for all the software in the
-    product that is covered by this License, on a durable physical
-    medium customarily used for software interchange, for a price no
-    more than your reasonable cost of physically performing this
-    conveying of source, or (2) access to copy the
-    Corresponding Source from a network server at no charge.
-
-    c) Convey individual copies of the object code with a copy of the
-    written offer to provide the Corresponding Source.  This
-    alternative is allowed only occasionally and noncommercially, and
-    only if you received the object code with such an offer, in accord
```

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```
- with subsection 6b.
-
- d) Convey the object code by offering access from a designated
- place (gratis or for a charge), and offer equivalent access to the
- Corresponding Source in the same way through the same place at no
- further charge.  You need not require recipients to copy the
- Corresponding Source along with the object code.  If the place to
- copy the object code is a network server, the Corresponding Source
- may be on a different server (operated by you or a third party)
- that supports equivalent copying facilities, provided you maintain
- clear directions next to the object code saying where to find the
- Corresponding Source.  Regardless of what server hosts the
- Corresponding Source, you remain obligated to ensure that it is
- available for as long as needed to satisfy these requirements.
-
- e) Convey the object code using peer-to-peer transmission, provided
- you inform other peers where the object code and Corresponding
- Source of the work are being offered to the general public at no
- charge under subsection 6d.
-
- A separable portion of the object code, whose source code is excluded
+ a) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by the
+ Corresponding Source fixed on a durable physical medium
+ customarily used for software interchange.
+
+ b) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by a
+ written offer, valid for at least three years and valid for as
+ long as you offer spare parts or customer support for that product
+ model, to give anyone who possesses the object code either (1) a
+ copy of the Corresponding Source for all the software in the
+ product that is covered by this License, on a durable physical
+ medium customarily used for software interchange, for a price no
+ more than your reasonable cost of physically performing this
+ conveying of source, or (2) access to copy the
+ Corresponding Source from a network server at no charge.
+
+ c) Convey individual copies of the object code with a copy of the
+ written offer to provide the Corresponding Source.  This
+ alternative is allowed only occasionally and noncommercially, and
+ only if you received the object code with such an offer, in accord
+ with subsection 6b.
+
+ d) Convey the object code by offering access from a designated
+ place (gratis or for a charge), and offer equivalent access to the
+ Corresponding Source in the same way through the same place at no
+ further charge.  You need not require recipients to copy the
+ Corresponding Source along with the object code.  If the place to
+ copy the object code is a network server, the Corresponding Source
+ may be on a different server (operated by you or a third party)
+ that supports equivalent copying facilities, provided you maintain
+ clear directions next to the object code saying where to find the
+ Corresponding Source.  Regardless of what server hosts the
+ Corresponding Source, you remain obligated to ensure that it is
+ available for as long as needed to satisfy these requirements.
+
+ e) Convey the object code using peer-to-peer transmission, provided
+ you inform other peers where the object code and Corresponding
+ Source of the work are being offered to the general public at no
+ charge under subsection 6d.
+
+ A separable portion of the object code, whose source code is excluded
```

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```
299 282   from the Corresponding Source as a System Library, need not be
300 283   included in conveying the object code work.
301 284
302     - __A "User Product" is either (1) a "consumer product", which means any
    285 + A "User Product" is either (1) a "consumer product", which means any
303 286   tangible personal property which is normally used for personal, family,
304 287   or household purposes, or (2) anything designed or sold for incorporation
305 288   into a dwelling.  In determining whether a product is a consumer product,
312 295   commercial, industrial or non-consumer uses, unless such uses represent
313 296   the only significant mode of use of the product.
314 297
315     - __"Installation Information" for a User Product means any methods,
    298 + "Installation Information" for a User Product means any methods,
316 299   procedures, authorization keys, or other information required to install
317 300   and execute modified versions of a covered work in that User Product from
318 301   a modified version of its Corresponding Source.  The information must
319 302   suffice to ensure that the continued functioning of the modified object
320 303   code is in no case prevented or interfered with solely because
321 304   modification has been made.
322 305
323     - __If you convey an object code work under this section in, or with, or
    306 + If you convey an object code work under this section in, or with, or
324 307   specifically for use in, a User Product, and the conveying occurs as
325 308   part of a transaction in which the right of possession and use of the
326 309   User Product is transferred to the recipient in perpetuity or for a
331 314   modified object code on the User Product (for example, the work has
332 315   been installed in ROM).
333 316
334     - __The requirement to provide Installation Information does not include a
    317 + The requirement to provide Installation Information does not include a
335 318   requirement to continue to provide support service, warranty, or updates
336 319   for a work that has been modified or installed by the recipient, or for
337 320   the User Product in which it has been modified or installed.  Access to a
338 321   network may be denied when the modification itself materially and
339 322   adversely affects the operation of the network or violates the rules and
340 323   protocols for communication across the network.
341 324
342     - __Corresponding Source conveyed, and Installation Information provided,
    325 + Corresponding Source conveyed, and Installation Information provided,
343 326   in accord with this section must be in a format that is publicly
344 327   documented (and with an implementation available to the public in
345 328   source code form), and must require no special password or key for
346 329   unpacking, reading or copying.
347 330
348     - __7. Additional Terms.
    331 + 7. Additional Terms.
349 332
350     - __"Additional permissions" are terms that supplement the terms of this
    333 + "Additional permissions" are terms that supplement the terms of this
351 334   License by making exceptions from one or more of its conditions.
352 335   Additional permissions that are applicable to the entire Program shall
353 336   be treated as though they were included in this License, to the extent
356 339   under those permissions, but the entire Program remains governed by
357 340   this License without regard to the additional permissions.
358 341
359     - __When you convey a copy of a covered work, you may at your option
    342 + When you convey a copy of a covered work, you may at your option
360 343   remove any additional permissions from that copy, or from any part of
361 344   it.  (Additional permissions may be written to require their own
362 345   removal in certain cases when you modify the work.)  You may place
363 346   additional permissions on material, added by you to a covered work,
364 347   for which you have or can give appropriate copyright permission.
365 348
```

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```
366     - __Notwithstanding any other provision of this License, for material you
349     + Notwithstanding any other provision of this License, for material you
367 350   add to a covered work, you may (if authorized by the copyright holders of
368 351   that material) supplement the terms of this License with terms:
369 352
370     - ____a) Disclaiming warranty or limiting liability differently from the
371     - ____terms of sections 15 and 16 of this License; or
353     + a) Disclaiming warranty or limiting liability differently from the
354     + terms of sections 15 and 16 of this License; or
372 355
373     - ____b) Requiring preservation of specified reasonable legal notices or
374     - ____author attributions in that material or in the Appropriate Legal
375     - ____Notices displayed by works containing it; or
356     + b) Requiring preservation of specified reasonable legal notices or
357     + author attributions in that material or in the Appropriate Legal
358     + Notices displayed by works containing it; or
376 359
377     - ____c) Prohibiting misrepresentation of the origin of that material, or
378     - ____requiring that modified versions of such material be marked in
379     - ____reasonable ways as different from the original version; or
360     + c) Prohibiting misrepresentation of the origin of that material, or
361     + requiring that modified versions of such material be marked in
362     + reasonable ways as different from the original version; or
380 363
381     - ____d) Limiting the use for publicity purposes of names of licensors or
382     - ____authors of the material; or
364     + d) Limiting the use for publicity purposes of names of licensors or
365     + authors of the material; or
383 366
384     - ____e) Declining to grant rights under trademark law for use of some
385     - ____trade names, trademarks, or service marks; or
367     + e) Declining to grant rights under trademark law for use of some
368     + trade names, trademarks, or service marks; or
386 369
387     - ____f) Requiring indemnification of licensors and authors of that
388     - ____material by anyone who conveys the material (or modified versions of
389     - ____it) with contractual assumptions of liability to the recipient, for
390     - ____any liability that these contractual assumptions directly impose on
391     - ____those licensors and authors.
370     + f) Requiring indemnification of licensors and authors of that
371     + material by anyone who conveys the material (or modified versions of
372     + it) with contractual assumptions of liability to the recipient, for
373     + any liability that these contractual assumptions directly impose on
374     + those licensors and authors.
392 375
393     - __All other non-permissive additional terms are considered "further
376     + All other non-permissive additional terms are considered "further
394 377   restrictions" within the meaning of section 10.  If the Program as you
395 378   received it, or any part of it, contains a notice stating that it is
396     - governed by this License along with a term that is a further restriction,
397     - you may remove that term.  If a license document contains a further
398     - restriction but permits relicensing or conveying under this License, you
399     - may add to a covered work material governed by the terms of that license
400     - document, provided that the further restriction does not survive such
401     - relicensing or conveying.
402     -
403     - __If you add terms to a covered work in accord with this section, you
379     + governed by this License along with a term that is a further
380     + restriction, you may remove that term.  If a license document contains
381     + a further restriction but permits relicensing or conveying under this
382     + License, you may add to a covered work material governed by the terms
383     + of that license document, provided that the further restriction does
384     + not survive such relicensing or conveying.
```

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```
385 +
386 + If you add terms to a covered work in accord with this section, you
387   must place, in the relevant source files, a statement of the
388   additional terms that apply to those files, or a notice indicating
389   where to find the applicable terms.
390
408 - __Additional terms, permissive or non-permissive, may be stated in the
391 + Additional terms, permissive or non-permissive, may be stated in the
392   form of a separately written license, or stated as exceptions;
393   the above requirements apply either way.
394
412 - __8. Termination.
395 + 8. Termination.
396
414 - __You may not propagate or modify a covered work except as expressly
397 + You may not propagate or modify a covered work except as expressly
398   provided under this License.  Any attempt otherwise to propagate or
399   modify it is void, and will automatically terminate your rights under
400   this License (including any patent licenses granted under the third
401   paragraph of section 11).
402
420 - __However, if you cease all violation of this License, then your
403 + However, if you cease all violation of this License, then your
404   license from a particular copyright holder is reinstated (a)
405   provisionally, unless and until the copyright holder explicitly and
406   finally terminates your license, and (b) permanently, if the copyright
407   holder fails to notify you of the violation by some reasonable means
408   prior to 60 days after the cessation.
409
427 - __Moreover, your license from a particular copyright holder is
410 + Moreover, your license from a particular copyright holder is
411   reinstated permanently if the copyright holder notifies you of the
412   violation by some reasonable means, this is the first time you have
413   received notice of violation of this License (for any work) from that
414   copyright holder, and you cure the violation prior to 30 days after
415   your receipt of the notice.
416
434 - __Termination of your rights under this section does not terminate the
417 + Termination of your rights under this section does not terminate the
418   licenses of parties who have received copies or rights from you under
419   this License.  If your rights have been terminated and not permanently
420   reinstated, you do not qualify to receive new licenses for the same
421   material under section 10.
422
440 - __9. Acceptance Not Required for Having Copies.
423 + 9. Acceptance Not Required for Having Copies.
424
442 - __You are not required to accept this License in order to receive or
425 + You are not required to accept this License in order to receive or
426   run a copy of the Program.  Ancillary propagation of a covered work
427   occurring solely as a consequence of using peer-to-peer transmission
428   to receive a copy likewise does not require acceptance.  However,
431   not accept this License.  Therefore, by modifying or propagating a
432   covered work, you indicate your acceptance of this License to do so.
433
451 - __10. Automatic Licensing of Downstream Recipients.
434 + 10. Automatic Licensing of Downstream Recipients.
435
453 - __Each time you convey a covered work, the recipient automatically
436 + Each time you convey a covered work, the recipient automatically
437   receives a license from the original licensors, to run, modify and
438   propagate that work, subject to this License.  You are not responsible
439   for enforcing compliance by third parties with this License.
```

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```
440
441 + An "entity transaction" is a transaction transferring control of an
442   organization, or substantially all assets of one, or subdividing an
443   organization, or merging organizations.  If propagation of a covered
444   work results from an entity transaction, each party to that
448   Corresponding Source of the work from the predecessor in interest, if
449   the predecessor has it or can get it with reasonable efforts.
450
451 + You may not impose any further restrictions on the exercise of the
452   rights granted or affirmed under this License.  For example, you may
453   not impose a license fee, royalty, or other charge for exercise of
454   rights granted under this License, and you may not initiate litigation
455   (including a cross-claim or counterclaim in a lawsuit) alleging that
456   any patent claim is infringed by making, using, selling, offering for
457   sale, or importing the Program or any portion of it.
458
459 + 11. Patents.
460
461 + A "contributor" is a copyright holder who authorizes use under this
462   License of the Program or a work on which the Program is based.  The
463   work thus licensed is called the contributor's "contributor version".
464
465 + A contributor's "essential patent claims" are all patent claims
466   owned or controlled by the contributor, whether already acquired or
467   hereafter acquired, that would be infringed by some manner, permitted
468   by this License, of making, using, or selling its contributor version,
472   patent sublicenses in a manner consistent with the requirements of
473   this License.
474
475 + Each contributor grants you a non-exclusive, worldwide, royalty-free
476   patent license under the contributor's essential patent claims, to
477   make, use, sell, offer for sale, import and otherwise run, modify and
478   propagate the contents of its contributor version.
479
480 + In the following three paragraphs, a "patent license" is any express
481   agreement or commitment, however denominated, not to enforce a patent
482   (such as an express permission to practice a patent or covenant not to
483   sue for patent infringement).  To "grant" such a patent license to a
484   party means to make such an agreement or commitment not to enforce a
485   patent against the party.
486
487 + If you convey a covered work, knowingly relying on a patent license,
488   and the Corresponding Source of the work is not available for anyone
489   to copy, free of charge and under the terms of this License, through a
490   publicly available network server or other readily accessible means,
498   in a country, would infringe one or more identifiable patents in that
499   country that you have reason to believe are valid.
500
501 + If, pursuant to or in connection with a single transaction or
502   arrangement, you convey, or propagate by procuring conveyance of, a
503   covered work, and grant a patent license to some of the parties
504   receiving the covered work authorizing them to use, propagate, modify
505   or convey a specific copy of the covered work, then the patent license
506   you grant is automatically extended to all recipients of the covered
```

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   work and works based on it.

-  A patent license is "discriminatory" if it does not include within
+ A patent license is "discriminatory" if it does not include within
   the scope of its coverage, prohibits the exercise of, or is
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+ 12. No Surrender of Others' Freedom.

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+ If conditions are imposed on you (whether by court order, agreement or
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+ 13. Remote Network Interaction; Use with the GNU General Public License.

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+ Notwithstanding any other provision of this License, if you modify the
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   interacting with it remotely through a computer network (if your version
   supports such interaction) an opportunity to receive the Corresponding
   of the GNU General Public License that is incorporated pursuant to the
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-  License.
-
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-  The Free Software Foundation may publish revised and/or new versions of
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-  in detail to address new problems or concerns.
-
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-  Software Foundation.  If the Program does not specify a version number
-  of the GNU Affero General Public License, you may choose any version
-  ever published by the Free Software Foundation.
-
-  If the Program specifies that a proxy can decide which future
-  versions of the GNU Affero General Public License can be used, that
```

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- proxy's public statement of acceptance of a version permanently
- authorizes you to choose that version for the Program.
-
-  Later license versions may give you additional or different
+ Notwithstanding any other provision of this License, you have
+ permission to link or combine any covered work with a work licensed
+ under version 3 of the GNU General Public License into a single
+ combined work, and to convey the resulting work.  The terms of this
+ License will continue to apply to the part which is the covered work,
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+ The Free Software Foundation may publish revised and/or new versions of
+ the GNU Affero General Public License from time to time.  Such new versions
+ will be similar in spirit to the present version, but may differ in detail to
+ address new problems or concerns.
+
+ Each version is given a distinguishing version number.  If the
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+ Public License "or any later version" applies to it, you have the
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+ version or of any later version published by the Free Software
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+ GNU Affero General Public License, you may choose any version ever published
+ by the Free Software Foundation.
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+ public statement of acceptance of a version permanently authorizes you
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+
+ Later license versions may give you additional or different
  permissions.  However, no additional obligations are imposed on any
  author or copyright holder as a result of your choosing to follow a
  later version.

-  15. Disclaimer of Warranty.
+ 15. Disclaimer of Warranty.

-  THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY
+ THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY
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  HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY
  OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO,
  IS WITH YOU.  SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF
  ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

-  16. Limitation of Liability.
+ 16. Limitation of Liability.

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+ IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING
  WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS
  THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY
  GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE
  EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF
  SUCH DAMAGES.

-  17. Interpretation of Sections 15 and 16.
+ 17. Interpretation of Sections 15 and 16.
```

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-  If the disclaimer of warranty and limitation of liability provided
+ If the disclaimer of warranty and limitation of liability provided
  above cannot be given local legal effect according to their terms,
  reviewing courts shall apply local law that most closely approximates
  an absolute waiver of all civil liability in connection with the
  Program, unless a warranty or assumption of liability accompanies a
  copy of the Program in return for a fee.

-                         END OF TERMS AND CONDITIONS
+ END OF TERMS AND CONDITIONS

-                How to Apply These Terms to Your New Programs
+ How to Apply These Terms to Your New Programs

-  If you develop a new program, and you want it to be of the greatest
+ If you develop a new program, and you want it to be of the greatest
  possible use to the public, the best way to achieve this is to make it
  free software which everyone can redistribute and change under these terms.

-  To do so, attach the following notices to the program.  It is safest
+ To do so, attach the following notices to the program.  It is safest
  to attach them to the start of each source file to most effectively
  state the exclusion of warranty; and each file should have at least
  the "copyright" line and a pointer to where the full notice is found.

-    <one line to give the program's name and a brief idea of what it does.>
-    Copyright (C) <year>  <name of author>
+ <one line to give the program's name and a brief idea of what it does.>
+ Copyright (C) <year>  <name of author>

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-    it under the terms of the GNU Affero General Public License as
-    published by the Free Software Foundation, either version 3 of the
-    License, or (at your option) any later version.
+ This program is free software: you can redistribute it and/or modify
+ it under the terms of the GNU Affero General Public License as published by
+ the Free Software Foundation, either version 3 of the License, or
+ (at your option) any later version.

-    This program is distributed in the hope that it will be useful,
-    but WITHOUT ANY WARRANTY; without even the implied warranty of
-    MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the
-    GNU Affero General Public License for more details.
+ This program is distributed in the hope that it will be useful,
+ but WITHOUT ANY WARRANTY; without even the implied warranty of
+ MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the
+ GNU Affero General Public License for more details.

-    You should have received a copy of the GNU Affero General Public License
-    along with this program.  If not, see <http://www.gnu.org/licenses/>.
+ You should have received a copy of the GNU Affero General Public License
+ along with this program.  If not, see <https://www.gnu.org/licenses/>.

  Also add information on how to contact you by electronic and paper mail.

-  If your software can interact with users remotely through a computer
+ If your software can interact with users remotely through a computer
  network, you should also make sure that it provides a way for users to
  get its source.  For example, if your program is a web application, its
  interface could display a "Source" link that leads users to an archive
  of the code.  There are many ways you could offer source, and different
  solutions will be better for different programs; see section 13 for the
  specific requirements.
```

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```
674  657
675       - __You should also get your employer (if you work as a programmer) or school,
     658  + You should also get your employer (if you work as a programmer) or school,
676  659    if any, to sign a "copyright disclaimer" for the program, if necessary.
677  660    For more information on this, and how to apply and follow the GNU AGPL, see
678       - <http://www.gnu.org/licenses/>.
679       -
680       -
681       - "Commons Clause" License Condition
682       -
683       - The Software is provided to you by the Licensor under the License, as
684       - defined below, subject to the following condition. Without limiting
685       - other conditions in the License, the grant of rights under the License
686       - will not include, and the License does not grant to you, the right to
687       - Sell the Software.  For purposes of the foregoing, "Sell" means
688       - practicing any or all of the rights granted to you under the License
689       - to provide to third parties, for a fee or other consideration,
690       - a product or service that consists, entirely or substantially,
691       - of the Software or the functionality of the Software. Any license
692       - notice or attribution required by the License must also include
693       - this Commons Cause License Condition notice.
     661  + <https://www.gnu.org/licenses/>.
```

486 enterprise/cypher/cypher/LICENSE.txt

```
...  ...  @@ -1,51 +1,35 @@
1         - NOTICE
2         - This package contains software licensed under different
3         - licenses, please refer to the NOTICE.txt file for further
4         - information and LICENSES.txt for full license texts.
     1    + GNU AFFERO GENERAL PUBLIC LICENSE
     2    +   Version 3, 19 November 2007
5    3
6         - Neo4j Enterprise object code can be licensed independently from
7         - the source under separate commercial terms. Email inquiries can be
8         - directed to: licensing@neo4j.com. More information is also
9         - available at:https://neo4j.com/licensing/
     4    + Copyright (C) 2007 Free Software Foundation, Inc. <https://fsf.org/>
     5    + Everyone is permitted to copy and distribute verbatim copies
     6    + of this license document, but changing it is not allowed.
10   7
11        - The software ("Software") is developed and owned by Neo4j Sweden AB
12        - (referred to in this notice as “Neo4j”) and is subject to the terms
13        - of the GNU AFFERO GENERAL PUBLIC LICENSE Version 3, with the Commons Clause as follows:
     8    + Preamble
14   9
15        -
16        -
17        -                    GNU AFFERO GENERAL PUBLIC LICENSE
18        -                       Version 3, 19 November 2007
19        -
20        -  Copyright (C) 2007 Free Software Foundation, Inc. <http://fsf.org/>
21        -  Everyone is permitted to copy and distribute verbatim copies
22        -  of this license document, but changing it is not allowed.
23        -
24        -                            Preamble
25        -
26        -   The GNU Affero General Public License is a free, copyleft license
27        - for software and other kinds of works, specifically designed to ensure
     10   + The GNU Affero General Public License is a free, copyleft license for
     11   + software and other kinds of works, specifically designed to ensure
28   12   cooperation with the community in the case of network server software.
29   13
```

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```
-  The licenses for most software and other practical works are
-  designed to take away your freedom to share and change the works.  By
-  contrast, our General Public Licenses are intended to guarantee your
-  freedom to share and change all versions of a program--to make sure it
-  remains free software for all its users.
+ The licenses for most software and other practical works are designed
+ to take away your freedom to share and change the works.  By contrast,
+ our General Public Licenses are intended to guarantee your freedom to
+ share and change all versions of a program--to make sure it remains free
+ software for all its users.

-  When we speak of free software, we are referring to freedom, not
+ When we speak of free software, we are referring to freedom, not
  price.  Our General Public Licenses are designed to make sure that you
  have the freedom to distribute copies of free software (and charge for
  them if you wish), that you receive source code or can get it if you
  want it, that you can change the software or use pieces of it in new
  free programs, and that you know you can do these things.

-  Developers that use our General Public Licenses protect your rights
+ Developers that use our General Public Licenses protect your rights
  with two steps: (1) assert copyright on the software, and (2) offer
  you this License which gives you legal permission to copy, distribute
  and/or modify the software.

-  A secondary benefit of defending all users' freedom is that
+ A secondary benefit of defending all users' freedom is that
  improvements made in alternate versions of the program, if they
  receive widespread use, become available for other developers to
  incorporate.  Many developers of free software are heartened and
  letting the public access it on a server without ever releasing its
  source code to the public.

-  The GNU Affero General Public License is designed specifically to
+ The GNU Affero General Public License is designed specifically to
  ensure that, in such cases, the modified source code becomes available
  to the community.  It requires the operator of a network server to
  provide the source code of the modified version running there to the
  users of that server.  Therefore, public use of a modified version, on
  a publicly accessible server, gives the public access to the source
  code of the modified version.

-  An older license, called the Affero General Public License and
+ An older license, called the Affero General Public License and
  published by Affero, was designed to accomplish similar goals.  This is
  a different license, not a version of the Affero GPL, but Affero has
  released a new version of the Affero GPL which permits relicensing under
  this license.

-  The precise terms and conditions for copying, distribution and
+ The precise terms and conditions for copying, distribution and
  modification follow.

-                       TERMS AND CONDITIONS
+ TERMS AND CONDITIONS
+
+ 0. Definitions.

-   0. Definitions.
+ "This License" refers to version 3 of the GNU Affero General Public License.

-   "This License" refers to version 3 of the GNU Affero General Public
- License.
```

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```
+ "Copyright" also means copyright-like laws that apply to other kinds of
+ works, such as semiconductor masks.

-   "Copyright" also means copyright-like laws that apply to other kinds
- of works, such as semiconductor masks.
-
-   "The Program" refers to any copyrightable work licensed under this
+ "The Program" refers to any copyrightable work licensed under this
  License.  Each licensee is addressed as "you".  "Licensees" and
  "recipients" may be individuals or organizations.

- __To "modify" a work means to copy from or adapt all or part of the work
+ To "modify" a work means to copy from or adapt all or part of the work
  in a fashion requiring copyright permission, other than the making of an
  exact copy.  The resulting work is called a "modified version" of the
  earlier work or a work "based on" the earlier work.

- __A "covered work" means either the unmodified Program or a work based
+ A "covered work" means either the unmodified Program or a work based
  on the Program.

- __To "propagate" a work means to do anything with it that, without
+ To "propagate" a work means to do anything with it that, without
  permission, would make you directly or secondarily liable for
  infringement under applicable copyright law, except executing it on a
  computer or modifying a private copy.  Propagation includes copying,
  distribution (with or without modification), making available to the
  public, and in some countries other activities as well.

- __To "convey" a work means any kind of propagation that enables other
+ To "convey" a work means any kind of propagation that enables other
  parties to make or receive copies.  Mere interaction with a user through
  a computer network, with no transfer of a copy, is not conveying.

- __An interactive user interface displays "Appropriate Legal Notices"
+ An interactive user interface displays "Appropriate Legal Notices"
  to the extent that it includes a convenient and prominently visible
  feature that (1) displays an appropriate copyright notice, and (2)
  tells the user that there is no warranty for the work (except to the
  the interface presents a list of user commands or options, such as a
  menu, a prominent item in the list meets this criterion.

- __1. Source Code.
+ 1. Source Code.

- __The "source code" for a work means the preferred form of the work
+ The "source code" for a work means the preferred form of the work
  for making modifications to it.  "Object code" means any non-source
  form of a work.

- __A "Standard Interface" means an interface that either is an official
+ A "Standard Interface" means an interface that either is an official
  standard defined by a recognized standards body, or, in the case of
  interfaces specified for a particular programming language, one that
  is widely used among developers working in that language.

- __The "System Libraries" of an executable work include anything, other
+ The "System Libraries" of an executable work include anything, other
  than the work as a whole, that (a) is included in the normal form of
  packaging a Major Component, but which is not part of that Major
  Component, and (b) serves only to enable use of the work with that
  (if any) on which the executable work runs, or a compiler used to
  produce the work, or an object code interpreter used to run it.
```

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```
138 121
139     - __The "Corresponding Source" for a work in object code form means all
    122 + The "Corresponding Source" for a work in object code form means all
140 123   the source code needed to generate, install, and (for an executable
141 124   work) run the object code and to modify the work, including scripts to
142 125   control those activities.  However, it does not include the work's
149 132   such as by intimate data communication or control flow between those
150 133   subprograms and other parts of the work.
151 134
152     - __The Corresponding Source need not include anything that users
    135 + The Corresponding Source need not include anything that users
153 136   can regenerate automatically from other parts of the Corresponding
154 137   Source.
155 138
156     - __The Corresponding Source for a work in source code form is that
    139 + The Corresponding Source for a work in source code form is that
157 140   same work.
158 141
159     - __2. Basic Permissions.
    142 + 2. Basic Permissions.
160 143
161     - __All rights granted under this License are granted for the term of
    144 + All rights granted under this License are granted for the term of
162 145   copyright on the Program, and are irrevocable provided the stated
163 146   conditions are met.  This License explicitly affirms your unlimited
164 147   permission to run the unmodified Program.  The output from running a
165 148   covered work is covered by this License only if the output, given its
166 149   content, constitutes a covered work.  This License acknowledges your
167 150   rights of fair use or other equivalent, as provided by copyright law.
168 151
169     - __You may make, run and propagate covered works that you do not
    152 + You may make, run and propagate covered works that you do not
170 153   convey, without conditions so long as your license otherwise remains
171 154   in force.  You may convey covered works to others for the sole purpose
172 155   of having them make modifications exclusively for you, or provide you
177 160   and control, on terms that prohibit them from making any copies of
178 161   your copyrighted material outside their relationship with you.
179 162
180     - __Conveying under any other circumstances is permitted solely under
    163 + Conveying under any other circumstances is permitted solely under
181 164   the conditions stated below.  Sublicensing is not allowed; section 10
182 165   makes it unnecessary.
183 166
184     - __3. Protecting Users' Legal Rights From Anti-Circumvention Law.
    167 + 3. Protecting Users' Legal Rights From Anti-Circumvention Law.
185 168
186     - __No covered work shall be deemed part of an effective technological
    169 + No covered work shall be deemed part of an effective technological
187 170   measure under any applicable law fulfilling obligations under article
188 171   11 of the WIPO copyright treaty adopted on 20 December 1996, or
189 172   similar laws prohibiting or restricting circumvention of such
190 173   measures.
191 174
192     - __When you convey a covered work, you waive any legal power to forbid
    175 + When you convey a covered work, you waive any legal power to forbid
193 176   circumvention of technological measures to the extent such circumvention
194 177   is effected by exercising rights under this License with respect to
195 178   the covered work, and you disclaim any intention to limit operation or
196 179   modification of the work as a means of enforcing, against the work's
197 180   users, your or third parties' legal rights to forbid circumvention of
198 181   technological measures.
199 182
200     - __4. Conveying Verbatim Copies.
```

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```
@@ -183,7 +183,7 @@
+ 4. Conveying Verbatim Copies.

@@ -201,7 +184,7 @@
-  You may convey verbatim copies of the Program's source code as you
+ You may convey verbatim copies of the Program's source code as you
  receive it, in any medium, provided that you conspicuously and
  appropriately publish on each copy an appropriate copyright notice;
  keep intact all notices stating that this License and any
  non-permissive terms added in accord with section 7 apply to the code;
  keep intact all notices of the absence of any warranty; and give all
  recipients a copy of this License along with the Program.

@@ -210,7 +193,7 @@
-  You may charge any price or no price for each copy that you convey,
+ You may charge any price or no price for each copy that you convey,
  and you may offer support or warranty protection for a fee.

@@ -213,7 +196,7 @@
-  5. Conveying Modified Source Versions.
+ 5. Conveying Modified Source Versions.

@@ -215,7 +198,7 @@
-  You may convey a work based on the Program, or the modifications to
+ You may convey a work based on the Program, or the modifications to
  produce it from the Program, in the form of source code under the
  terms of section 4, provided that you also meet all of these conditions:

@@ -219,9 +202,9 @@
-     a) The work must carry prominent notices stating that you modified
-     it, and giving a relevant date.
+ a) The work must carry prominent notices stating that you modified
+ it, and giving a relevant date.

@@ -222,12 +205,12 @@
-     b) The work must carry prominent notices stating that it is
-     released under this License and any conditions added under section
-     7.  This requirement modifies the requirement in section 4 to
-     "keep intact all notices".
+ b) The work must carry prominent notices stating that it is
+ released under this License and any conditions added under section
+ 7.  This requirement modifies the requirement in section 4 to
+ "keep intact all notices".

@@ -227,16 +210,16 @@
-     c) You must license the entire work, as a whole, under this
-     License to anyone who comes into possession of a copy.  This
-     License will therefore apply, along with any applicable section 7
-     additional terms, to the whole of the work, and all its parts,
-     regardless of how they are packaged.  This License gives no
-     permission to license the work in any other way, but it does not
-     invalidate such permission if you have separately received it.
+ c) You must license the entire work, as a whole, under this
+ License to anyone who comes into possession of a copy.  This
+ License will therefore apply, along with any applicable section 7
+ additional terms, to the whole of the work, and all its parts,
+ regardless of how they are packaged.  This License gives no
+ permission to license the work in any other way, but it does not
+ invalidate such permission if you have separately received it.

@@ -235,9 +218,9 @@
-     d) If the work has interactive user interfaces, each must display
-     Appropriate Legal Notices; however, if the Program has interactive
-     interfaces that do not display Appropriate Legal Notices, your
-     work need not make them do so.
+ d) If the work has interactive user interfaces, each must display
+ Appropriate Legal Notices; however, if the Program has interactive
+ interfaces that do not display Appropriate Legal Notices, your
+ work need not make them do so.

@@ -240,7 +223,7 @@
-  A compilation of a covered work with other separate and independent
+ A compilation of a covered work with other separate and independent
```

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```
works, which are not by their nature extensions of the covered work,
and which are not combined with it such as to form a larger program,
in or on a volume of a storage or distribution medium, is called an
in an aggregate does not cause this License to apply to the other
parts of the aggregate.

- __6. Conveying Non-Source Forms.
+ 6. Conveying Non-Source Forms.

- __You may convey a covered work in object code form under the terms
+ You may convey a covered work in object code form under the terms
of sections 4 and 5, provided that you also convey the
machine-readable Corresponding Source under the terms of this License,
in one of these ways:

- ____a) Convey the object code in, or embodied in, a physical product
- ____(including a physical distribution medium), accompanied by the
- ____Corresponding Source fixed on a durable physical medium
- ____customarily used for software interchange.
-
- ____b) Convey the object code in, or embodied in, a physical product
- ____(including a physical distribution medium), accompanied by a
- ____written offer, valid for at least three years and valid for as
- ____long as you offer spare parts or customer support for that product
- ____model, to give anyone who possesses the object code either (1) a
- ____copy of the Corresponding Source for all the software in the
- ____product that is covered by this License, on a durable physical
- ____medium customarily used for software interchange, for a price no
- ____more than your reasonable cost of physically performing this
- ____conveying of source, or (2) access to copy the
- ____Corresponding Source from a network server at no charge.
-
- ____c) Convey individual copies of the object code with a copy of the
- ____written offer to provide the Corresponding Source.  This
- ____alternative is allowed only occasionally and noncommercially, and
- ____only if you received the object code with such an offer, in accord
- ____with subsection 6b.
-
- ____d) Convey the object code by offering access from a designated
- ____place (gratis or for a charge), and offer equivalent access to the
- ____Corresponding Source in the same way through the same place at no
- ____further charge.  You need not require recipients to copy the
- ____Corresponding Source along with the object code.  If the place to
- ____copy the object code is a network server, the Corresponding Source
- ____may be on a different server (operated by you or a third party)
- ____that supports equivalent copying facilities, provided you maintain
- ____clear directions next to the object code saying where to find the
- ____Corresponding Source.  Regardless of what server hosts the
- ____Corresponding Source, you remain obligated to ensure that it is
- ____available for as long as needed to satisfy these requirements.
-
- ____e) Convey the object code using peer-to-peer transmission, provided
- ____you inform other peers where the object code and Corresponding
- ____Source of the work are being offered to the general public at no
- ____charge under subsection 6d.
-
- __A separable portion of the object code, whose source code is excluded
+ a) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by the
+ Corresponding Source fixed on a durable physical medium
+ customarily used for software interchange.
+
+ b) Convey the object code in, or embodied in, a physical product
```

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```
+ (including a physical distribution medium), accompanied by a
+ written offer, valid for at least three years and valid for as
+ long as you offer spare parts or customer support for that product
+ model, to give anyone who possesses the object code either (1) a
+ copy of the Corresponding Source for all the software in the
+ product that is covered by this License, on a durable physical
+ medium customarily used for software interchange, for a price no
+ more than your reasonable cost of physically performing this
+ conveying of source, or (2) access to copy the
+ Corresponding Source from a network server at no charge.
+
+ c) Convey individual copies of the object code with a copy of the
+ written offer to provide the Corresponding Source.  This
+ alternative is allowed only occasionally and noncommercially, and
+ only if you received the object code with such an offer, in accord
+ with subsection 6b.
+
+ d) Convey the object code by offering access from a designated
+ place (gratis or for a charge), and offer equivalent access to the
+ Corresponding Source in the same way through the same place at no
+ further charge.  You need not require recipients to copy the
+ Corresponding Source along with the object code.  If the place to
+ copy the object code is a network server, the Corresponding Source
+ may be on a different server (operated by you or a third party)
+ that supports equivalent copying facilities, provided you maintain
+ clear directions next to the object code saying where to find the
+ Corresponding Source.  Regardless of what server hosts the
+ Corresponding Source, you remain obligated to ensure that it is
+ available for as long as needed to satisfy these requirements.
+
+ e) Convey the object code using peer-to-peer transmission, provided
+ you inform other peers where the object code and Corresponding
+ Source of the work are being offered to the general public at no
+ charge under subsection 6d.
+
+ A separable portion of the object code, whose source code is excluded
  from the Corresponding Source as a System Library, need not be
  included in conveying the object code work.

- __A "User Product" is either (1) a "consumer product", which means any
+ A "User Product" is either (1) a "consumer product", which means any
  tangible personal property which is normally used for personal, family,
  or household purposes, or (2) anything designed or sold for incorporation
  into a dwelling.  In determining whether a product is a consumer product,
  commercial, industrial or non-consumer uses, unless such uses represent
  the only significant mode of use of the product.

- __"Installation Information" for a User Product means any methods,
+ "Installation Information" for a User Product means any methods,
  procedures, authorization keys, or other information required to install
  and execute modified versions of a covered work in that User Product from
  a modified version of its Corresponding Source.  The information must
  suffice to ensure that the continued functioning of the modified object
  code is in no case prevented or interfered with solely because
  modification has been made.

- __If you convey an object code work under this section in, or with, or
+ If you convey an object code work under this section in, or with, or
  specifically for use in, a User Product, and the conveying occurs as
  part of a transaction in which the right of possession and use of the
  User Product is transferred to the recipient in perpetuity or for a
  modified object code on the User Product (for example, the work has
  been installed in ROM).
```

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```
-  __The requirement to provide Installation Information does not include a
+ The requirement to provide Installation Information does not include a
   requirement to continue to provide support service, warranty, or updates
   for a work that has been modified or installed by the recipient, or for
   the User Product in which it has been modified or installed.  Access to a
   network may be denied when the modification itself materially and
   adversely affects the operation of the network or violates the rules and
   protocols for communication across the network.

-  __Corresponding Source conveyed, and Installation Information provided,
+ Corresponding Source conveyed, and Installation Information provided,
   in accord with this section must be in a format that is publicly
   documented (and with an implementation available to the public in
   source code form), and must require no special password or key for
   unpacking, reading or copying.

-  __7. Additional Terms.
+ 7. Additional Terms.

-  __"Additional permissions" are terms that supplement the terms of this
+ "Additional permissions" are terms that supplement the terms of this
   License by making exceptions from one or more of its conditions.
   Additional permissions that are applicable to the entire Program shall
   be treated as though they were included in this License, to the extent
   under those permissions, but the entire Program remains governed by
   this License without regard to the additional permissions.

-  __When you convey a copy of a covered work, you may at your option
+ When you convey a copy of a covered work, you may at your option
   remove any additional permissions from that copy, or from any part of
   it.  (Additional permissions may be written to require their own
   removal in certain cases when you modify the work.)  You may place
   additional permissions on material, added by you to a covered work,
   for which you have or can give appropriate copyright permission.

-  __Notwithstanding any other provision of this License, for material you
+ Notwithstanding any other provision of this License, for material you
   add to a covered work, you may (if authorized by the copyright holders of
   that material) supplement the terms of this License with terms:

-  ____a) Disclaiming warranty or limiting liability differently from the
-  ____terms of sections 15 and 16 of this License; or
+ a) Disclaiming warranty or limiting liability differently from the
+ terms of sections 15 and 16 of this License; or

-  ____b) Requiring preservation of specified reasonable legal notices or
-  ____author attributions in that material or in the Appropriate Legal
-  ____Notices displayed by works containing it; or
+ b) Requiring preservation of specified reasonable legal notices or
+ author attributions in that material or in the Appropriate Legal
+ Notices displayed by works containing it; or

-  ____c) Prohibiting misrepresentation of the origin of that material, or
-  ____requiring that modified versions of such material be marked in
-  ____reasonable ways as different from the original version; or
+ c) Prohibiting misrepresentation of the origin of that material, or
+ requiring that modified versions of such material be marked in
+ reasonable ways as different from the original version; or

-  ____d) Limiting the use for publicity purposes of names of licensors or
-  ____authors of the material; or
+ d) Limiting the use for publicity purposes of names of licensors or
```

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```
365 + authors of the material; or
366 +
383 - ___e) Declining to grant rights under trademark law for use of some
384 - ___trade names, trademarks, or service marks; or
367 + e) Declining to grant rights under trademark law for use of some
368 + trade names, trademarks, or service marks; or
369 +
386 - ___f) Requiring indemnification of licensors and authors of that
387 - ___material by anyone who conveys the material (or modified versions of
388 - ___it) with contractual assumptions of liability to the recipient, for
389 - ___any liability that these contractual assumptions directly impose on
390 - ___those licensors and authors.
370 + f) Requiring indemnification of licensors and authors of that
371 + material by anyone who conveys the material (or modified versions of
372 + it) with contractual assumptions of liability to the recipient, for
373 + any liability that these contractual assumptions directly impose on
374 + those licensors and authors.
375 +
392 - __All other non-permissive additional terms are considered "further
376 + All other non-permissive additional terms are considered "further
377   restrictions" within the meaning of section 10.  If the Program as you
378   received it, or any part of it, contains a notice stating that it is
396 - governed by this License along with a term that is a further restriction,
397 - you may remove that term.  If a license document contains a further
398 - restriction but permits relicensing or conveying under this License, you
399 - may add to a covered work material governed by the terms of that license
400 - document, provided that the further restriction does not survive such
401 - relicensing or conveying.
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116  99
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127  110
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131  114   Component, and (b) serves only to enable use of the work with that
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137  120   produce the work, or an object code interpreter used to run it.
138  121
139       - __The "Corresponding Source" for a work in object code form means all
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-  You may charge any price or no price for each copy that you convey,
+ You may charge any price or no price for each copy that you convey,
   and you may offer support or warranty protection for a fee.

-  5. Conveying Modified Source Versions.
+ 5. Conveying Modified Source Versions.

-  You may convey a work based on the Program, or the modifications to
+ You may convey a work based on the Program, or the modifications to
   produce it from the Program, in the form of source code under the
   terms of section 4, provided that you also meet all of these conditions:

-  a) The work must carry prominent notices stating that you modified
-  it, and giving a relevant date.
+ a) The work must carry prominent notices stating that you modified
+ it, and giving a relevant date.
```

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```
- ____b) The work must carry prominent notices stating that it is
- ____released under this License and any conditions added under section
- ____7.  This requirement modifies the requirement in section 4 to
- ____"keep intact all notices".
+ b) The work must carry prominent notices stating that it is
+ released under this License and any conditions added under section
+ 7.  This requirement modifies the requirement in section 4 to
+ "keep intact all notices".

- ____c) You must license the entire work, as a whole, under this
- ____License to anyone who comes into possession of a copy.  This
- ____License will therefore apply, along with any applicable section 7
- ____additional terms, to the whole of the work, and all its parts,
- ____regardless of how they are packaged.  This License gives no
- ____permission to license the work in any other way, but it does not
- ____invalidate such permission if you have separately received it.
+ c) You must license the entire work, as a whole, under this
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+ License will therefore apply, along with any applicable section 7
+ additional terms, to the whole of the work, and all its parts,
+ regardless of how they are packaged.  This License gives no
+ permission to license the work in any other way, but it does not
+ invalidate such permission if you have separately received it.

- ____d) If the work has interactive user interfaces, each must display
- ____Appropriate Legal Notices; however, if the Program has interactive
- ____interfaces that do not display Appropriate Legal Notices, your
- ____work need not make them do so.
+ d) If the work has interactive user interfaces, each must display
+ Appropriate Legal Notices; however, if the Program has interactive
+ interfaces that do not display Appropriate Legal Notices, your
+ work need not make them do so.

- __A compilation of a covered work with other separate and independent
+ A compilation of a covered work with other separate and independent
  works, which are not by their nature extensions of the covered work,
  and which are not combined with it such as to form a larger program,
  in or on a volume of a storage or distribution medium, is called an
  in an aggregate does not cause this License to apply to the other
  parts of the aggregate.

- __6. Conveying Non-Source Forms.
+ 6. Conveying Non-Source Forms.

- __You may convey a covered work in object code form under the terms
+ You may convey a covered work in object code form under the terms
  of sections 4 and 5, provided that you also convey the
  machine-readable Corresponding Source under the terms of this License,
  in one of these ways:

- ____a) Convey the object code in, or embodied in, a physical product
- ____(including a physical distribution medium), accompanied by the
- ____Corresponding Source fixed on a durable physical medium
- ____customarily used for software interchange.
-
- ____b) Convey the object code in, or embodied in, a physical product
- ____(including a physical distribution medium), accompanied by a
- ____written offer, valid for at least three years and valid for as
- ____long as you offer spare parts or customer support for that product
- ____model, to give anyone who possesses the object code either (1) a
- ____copy of the Corresponding Source for all the software in the
- ____product that is covered by this License, on a durable physical
```

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```
- ____medium customarily used for software interchange, for a price no
- ____more than your reasonable cost of physically performing this
- ____conveying of source, or (2) access to copy the
- ____Corresponding Source from a network server at no charge.
-
- ____c) Convey individual copies of the object code with a copy of the
- ____written offer to provide the Corresponding Source.  This
- ____alternative is allowed only occasionally and noncommercially, and
- ____only if you received the object code with such an offer, in accord
- ____with subsection 6b.
-
- ____d) Convey the object code by offering access from a designated
- ____place (gratis or for a charge), and offer equivalent access to the
- ____Corresponding Source in the same way through the same place at no
- ____further charge.  You need not require recipients to copy the
- ____Corresponding Source along with the object code.  If the place to
- ____copy the object code is a network server, the Corresponding Source
- ____may be on a different server (operated by you or a third party)
- ____that supports equivalent copying facilities, provided you maintain
- ____clear directions next to the object code saying where to find the
- ____Corresponding Source.  Regardless of what server hosts the
- ____Corresponding Source, you remain obligated to ensure that it is
- ____available for as long as needed to satisfy these requirements.
-
- ____e) Convey the object code using peer-to-peer transmission, provided
- ____you inform other peers where the object code and Corresponding
- ____Source of the work are being offered to the general public at no
- ____charge under subsection 6d.
-
- __A separable portion of the object code, whose source code is excluded
+ a) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by the
+ Corresponding Source fixed on a durable physical medium
+ customarily used for software interchange.
+
+ b) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by a
+ written offer, valid for at least three years and valid for as
+ long as you offer spare parts or customer support for that product
+ model, to give anyone who possesses the object code either (1) a
+ copy of the Corresponding Source for all the software in the
+ product that is covered by this License, on a durable physical
+ medium customarily used for software interchange, for a price no
+ more than your reasonable cost of physically performing this
+ conveying of source, or (2) access to copy the
+ Corresponding Source from a network server at no charge.
+
+ c) Convey individual copies of the object code with a copy of the
+ written offer to provide the Corresponding Source.  This
+ alternative is allowed only occasionally and noncommercially, and
+ only if you received the object code with such an offer, in accord
+ with subsection 6b.
+
+ d) Convey the object code by offering access from a designated
+ place (gratis or for a charge), and offer equivalent access to the
+ Corresponding Source in the same way through the same place at no
+ further charge.  You need not require recipients to copy the
+ Corresponding Source along with the object code.  If the place to
+ copy the object code is a network server, the Corresponding Source
+ may be on a different server (operated by you or a third party)
+ that supports equivalent copying facilities, provided you maintain
+ clear directions next to the object code saying where to find the
+ Corresponding Source.  Regardless of what server hosts the
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```
+ Corresponding Source, you remain obligated to ensure that it is
+ available for as long as needed to satisfy these requirements.
+
+ e) Convey the object code using peer-to-peer transmission, provided
+ you inform other peers where the object code and Corresponding
+ Source of the work are being offered to the general public at no
+ charge under subsection 6d.
+
+ A separable portion of the object code, whose source code is excluded
  from the Corresponding Source as a System Library, need not be
  included in conveying the object code work.

- __A "User Product" is either (1) a "consumer product", which means any
+ A "User Product" is either (1) a "consumer product", which means any
  tangible personal property which is normally used for personal, family,
  or household purposes, or (2) anything designed or sold for incorporation
  into a dwelling.  In determining whether a product is a consumer product,
  commercial, industrial or non-consumer uses, unless such uses represent
  the only significant mode of use of the product.

- __"Installation Information" for a User Product means any methods,
+ "Installation Information" for a User Product means any methods,
  procedures, authorization keys, or other information required to install
  and execute modified versions of a covered work in that User Product from
  a modified version of its Corresponding Source.  The information must
  suffice to ensure that the continued functioning of the modified object
  code is in no case prevented or interfered with solely because
  modification has been made.

- __If you convey an object code work under this section in, or with, or
+ If you convey an object code work under this section in, or with, or
  specifically for use in, a User Product, and the conveying occurs as
  part of a transaction in which the right of possession and use of the
  User Product is transferred to the recipient in perpetuity or for a
  modified object code on the User Product (for example, the work has
  been installed in ROM).

- __The requirement to provide Installation Information does not include a
+ The requirement to provide Installation Information does not include a
  requirement to continue to provide support service, warranty, or updates
  for a work that has been modified or installed by the recipient, or for
  the User Product in which it has been modified or installed.  Access to a
  network may be denied when the modification itself materially and
  adversely affects the operation of the network or violates the rules and
  protocols for communication across the network.

- __Corresponding Source conveyed, and Installation Information provided,
+ Corresponding Source conveyed, and Installation Information provided,
  in accord with this section must be in a format that is publicly
  documented (and with an implementation available to the public in
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+ 7. Additional Terms.

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+ 8. Termination.

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+ 10. Automatic Licensing of Downstream Recipients.

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516 499   country that you have reason to believe are valid.
517 500
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    501   + If, pursuant to or in connection with a single transaction or
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521 504   receiving the covered work authorizing them to use, propagate, modify
522 505   or convey a specific copy of the covered work, then the patent license
523 506   you grant is automatically extended to all recipients of the covered
524 507   work and works based on it.
525 508
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    528   + 12. No Surrender of Others' Freedom.
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626 609
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657     - ____This program is distributed in the hope that it will be useful,
658     - ____but WITHOUT ANY WARRANTY; without even the implied warranty of
659     - ____MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the
660     - ____GNU Affero General Public License for more details.
    640 + This program is distributed in the hope that it will be useful,
    641 + but WITHOUT ANY WARRANTY; without even the implied warranty of
    642 + MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the
    643 + GNU Affero General Public License for more details.
661 644
662     - ____You should have received a copy of the GNU Affero General Public License
663     - ____along with this program.  If not, see <http://www.gnu.org/licenses/>.
    645 + You should have received a copy of the GNU Affero General Public License
    646 + along with this program.  If not, see <https://www.gnu.org/licenses/>.
664 647
665 648   Also add information on how to contact you by electronic and paper mail.
```

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```
666  649
667       - __If your software can interact with users remotely through a computer
     650  + If your software can interact with users remotely through a computer
668  651    network, you should also make sure that it provides a way for users to
669  652    get its source.  For example, if your program is a web application, its
670  653    interface could display a "Source" link that leads users to an archive
671  654    of the code.  There are many ways you could offer source, and different
672  655    solutions will be better for different programs; see section 13 for the
673  656    specific requirements.
674  657
675       - __You should also get your employer (if you work as a programmer) or school,
     658  + You should also get your employer (if you work as a programmer) or school,
676  659    if any, to sign a "copyright disclaimer" for the program, if necessary.
677  660    For more information on this, and how to apply and follow the GNU AGPL, see
678       - <http://www.gnu.org/licenses/>.
679       -
680       -
681       - "Commons Clause" License Condition
682       -
683       - The Software is provided to you by the Licensor under the License, as
684       - defined below, subject to the following condition. Without limiting
685       - other conditions in the License, the grant of rights under the License
686       - will not include, and the License does not grant to you, the right to
687       - Sell the Software.  For purposes of the foregoing, "Sell" means
688       - practicing any or all of the rights granted to you under the License
689       - to provide to third parties, for a fee or other consideration,
690       - a product or service that consists, entirely or substantially,
691       - of the Software or the functionality of the Software. Any license
692       - notice or attribution required by the License must also include
693       - this Commons Cause License Condition notice.
     661  + <https://www.gnu.org/licenses/>.
```

486 enterprise/cypher/physical-planning/LICENSE.txt

```
...  ...  @@ -1,51 +1,35 @@
1         - NOTICE
2         - This package contains software licensed under different
3         - licenses, please refer to the NOTICE.txt file for further
4         - information and LICENSES.txt for full license texts.
     1    + GNU AFFERO GENERAL PUBLIC LICENSE
     2    +   Version 3, 19 November 2007
5    3
6         - Neo4j Enterprise object code can be licensed independently from
7         - the source under separate commercial terms. Email inquiries can be
8         - directed to: licensing@neo4j.com. More information is also
9         - available at:https://neo4j.com/licensing/
     4    + Copyright (C) 2007 Free Software Foundation, Inc. <https://fsf.org/>
     5    + Everyone is permitted to copy and distribute verbatim copies
     6    + of this license document, but changing it is not allowed.
10   7
11        - The software ("Software") is developed and owned by Neo4j Sweden AB
12        - (referred to in this notice as “Neo4j”) and is subject to the terms
13        - of the GNU AFFERO GENERAL PUBLIC LICENSE Version 3, with the Commons Clause as follows:
     8    + Preamble
14   9
15        -
16        -
17        -                    GNU AFFERO GENERAL PUBLIC LICENSE
18        -                       Version 3, 19 November 2007
19        -
20        -  Copyright (C) 2007 Free Software Foundation, Inc. <http://fsf.org/>
21        -  Everyone is permitted to copy and distribute verbatim copies
22        -  of this license document, but changing it is not allowed.
```

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```
-
-                            Preamble
-
-   The GNU Affero General Public License is a free, copyleft license
- for software and other kinds of works, specifically designed to ensure
+ The GNU Affero General Public License is a free, copyleft license for
+ software and other kinds of works, specifically designed to ensure
  cooperation with the community in the case of network server software.

-  The licenses for most software and other practical works are
- designed to take away your freedom to share and change the works.  By
- contrast, our General Public Licenses are intended to guarantee your
- freedom to share and change all versions of a program--to make sure it
- remains free software for all its users.
+ The licenses for most software and other practical works are designed
+ to take away your freedom to share and change the works.  By contrast,
+ our General Public Licenses are intended to guarantee your freedom to
+ share and change all versions of a program--to make sure it remains free
+ software for all its users.

-  When we speak of free software, we are referring to freedom, not
+ When we speak of free software, we are referring to freedom, not
  price.  Our General Public Licenses are designed to make sure that you
  have the freedom to distribute copies of free software (and charge for
  them if you wish), that you receive source code or can get it if you
  want it, that you can change the software or use pieces of it in new
  free programs, and that you know you can do these things.

-  Developers that use our General Public Licenses protect your rights
+ Developers that use our General Public Licenses protect your rights
  with two steps: (1) assert copyright on the software, and (2) offer
  you this License which gives you legal permission to copy, distribute
  and/or modify the software.

-  A secondary benefit of defending all users' freedom is that
+ A secondary benefit of defending all users' freedom is that
  improvements made in alternate versions of the program, if they
  receive widespread use, become available for other developers to
  incorporate.  Many developers of free software are heartened and
  letting the public access it on a server without ever releasing its
  source code to the public.

-  The GNU Affero General Public License is designed specifically to
+ The GNU Affero General Public License is designed specifically to
  ensure that, in such cases, the modified source code becomes available
  to the community.  It requires the operator of a network server to
  provide the source code of the modified version running there to the
  users of that server.  Therefore, public use of a modified version, on
  a publicly accessible server, gives the public access to the source
  code of the modified version.

-  An older license, called the Affero General Public License and
+ An older license, called the Affero General Public License and
  published by Affero, was designed to accomplish similar goals.  This is
  a different license, not a version of the Affero GPL, but Affero has
  released a new version of the Affero GPL which permits relicensing under
  this license.

-  The precise terms and conditions for copying, distribution and
+ The precise terms and conditions for copying, distribution and
  modification follow.

-                       TERMS AND CONDITIONS
```

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```
+ TERMS AND CONDITIONS
+
+ 0. Definitions.

-   0. Definitions.
+ "This License" refers to version 3 of the GNU Affero General Public License.

-   "This License" refers to version 3 of the GNU Affero General Public
- License.
+ "Copyright" also means copyright-like laws that apply to other kinds of
+ works, such as semiconductor masks.

-   "Copyright" also means copyright-like laws that apply to other kinds
- of works, such as semiconductor masks.
-
-   "The Program" refers to any copyrightable work licensed under this
+ "The Program" refers to any copyrightable work licensed under this
  License.  Each licensee is addressed as "you".  "Licensees" and
  "recipients" may be individuals or organizations.

-   To "modify" a work means to copy from or adapt all or part of the work
+ To "modify" a work means to copy from or adapt all or part of the work
  in a fashion requiring copyright permission, other than the making of an
  exact copy.  The resulting work is called a "modified version" of the
  earlier work or a work "based on" the earlier work.

-   A "covered work" means either the unmodified Program or a work based
+ A "covered work" means either the unmodified Program or a work based
  on the Program.

-   To "propagate" a work means to do anything with it that, without
+ To "propagate" a work means to do anything with it that, without
  permission, would make you directly or secondarily liable for
  infringement under applicable copyright law, except executing it on a
  computer or modifying a private copy.  Propagation includes copying,
  distribution (with or without modification), making available to the
  public, and in some countries other activities as well.

-   To "convey" a work means any kind of propagation that enables other
+ To "convey" a work means any kind of propagation that enables other
  parties to make or receive copies.  Mere interaction with a user through
  a computer network, with no transfer of a copy, is not conveying.

-   An interactive user interface displays "Appropriate Legal Notices"
+ An interactive user interface displays "Appropriate Legal Notices"
  to the extent that it includes a convenient and prominently visible
  feature that (1) displays an appropriate copyright notice, and (2)
  tells the user that there is no warranty for the work (except to the
  the interface presents a list of user commands or options, such as a
  menu, a prominent item in the list meets this criterion.

-   1. Source Code.
+ 1. Source Code.

-   The "source code" for a work means the preferred form of the work
+ The "source code" for a work means the preferred form of the work
  for making modifications to it.  "Object code" means any non-source
  form of a work.

-   A "Standard Interface" means an interface that either is an official
+ A "Standard Interface" means an interface that either is an official
  standard defined by a recognized standards body, or, in the case of
  interfaces specified for a particular programming language, one that
```

```
126 109   is widely used among developers working in that language.
127 110
128     - __The "System Libraries" of an executable work include anything, other
    111 + The "System Libraries" of an executable work include anything, other
129 112   than the work as a whole, that (a) is included in the normal form of
130 113   packaging a Major Component, but which is not part of that Major
131 114   Component, and (b) serves only to enable use of the work with that
136 119   (if any) on which the executable work runs, or a compiler used to
137 120   produce the work, or an object code interpreter used to run it.
138 121
139     - __The "Corresponding Source" for a work in object code form means all
    122 + The "Corresponding Source" for a work in object code form means all
140 123   the source code needed to generate, install, and (for an executable
141 124   work) run the object code and to modify the work, including scripts to
142 125   control those activities.  However, it does not include the work's
149 132   such as by intimate data communication or control flow between those
150 133   subprograms and other parts of the work.
151 134
152     - __The Corresponding Source need not include anything that users
    135 + The Corresponding Source need not include anything that users
153 136   can regenerate automatically from other parts of the Corresponding
154 137   Source.
155 138
156     - __The Corresponding Source for a work in source code form is that
    139 + The Corresponding Source for a work in source code form is that
157 140   same work.
158 141
159     - __2. Basic Permissions.
    142 + 2. Basic Permissions.
160 143
161     - __All rights granted under this License are granted for the term of
    144 + All rights granted under this License are granted for the term of
162 145   copyright on the Program, and are irrevocable provided the stated
163 146   conditions are met.  This License explicitly affirms your unlimited
164 147   permission to run the unmodified Program.  The output from running a
165 148   covered work is covered by this License only if the output, given its
166 149   content, constitutes a covered work.  This License acknowledges your
167 150   rights of fair use or other equivalent, as provided by copyright law.
168 151
169     - __You may make, run and propagate covered works that you do not
    152 + You may make, run and propagate covered works that you do not
170 153   convey, without conditions so long as your license otherwise remains
171 154   in force.  You may convey covered works to others for the sole purpose
172 155   of having them make modifications exclusively for you, or provide you
177 160   and control, on terms that prohibit them from making any copies of
178 161   your copyrighted material outside their relationship with you.
179 162
180     - __Conveying under any other circumstances is permitted solely under
    163 + Conveying under any other circumstances is permitted solely under
181 164   the conditions stated below.  Sublicensing is not allowed; section 10
182 165   makes it unnecessary.
183 166
184     - __3. Protecting Users' Legal Rights From Anti-Circumvention Law.
    167 + 3. Protecting Users' Legal Rights From Anti-Circumvention Law.
185 168
186     - __No covered work shall be deemed part of an effective technological
    169 + No covered work shall be deemed part of an effective technological
187 170   measure under any applicable law fulfilling obligations under article
188 171   11 of the WIPO copyright treaty adopted on 20 December 1996, or
189 172   similar laws prohibiting or restricting circumvention of such
190 173   measures.
191 174
192     - __When you convey a covered work, you waive any legal power to forbid
```

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```
+ When you convey a covered work, you waive any legal power to forbid
  circumvention of technological measures to the extent such circumvention
  is effected by exercising rights under this License with respect to
  the covered work, and you disclaim any intention to limit operation or
  modification of the work as a means of enforcing, against the work's
  users, your or third parties' legal rights to forbid circumvention of
  technological measures.

- __4. Conveying Verbatim Copies.
+ 4. Conveying Verbatim Copies.

- __You may convey verbatim copies of the Program's source code as you
+ You may convey verbatim copies of the Program's source code as you
  receive it, in any medium, provided that you conspicuously and
  appropriately publish on each copy an appropriate copyright notice;
  keep intact all notices stating that this License and any
  non-permissive terms added in accord with section 7 apply to the code;
  keep intact all notices of the absence of any warranty; and give all
  recipients a copy of this License along with the Program.

- __You may charge any price or no price for each copy that you convey,
+ You may charge any price or no price for each copy that you convey,
  and you may offer support or warranty protection for a fee.

- __5. Conveying Modified Source Versions.
+ 5. Conveying Modified Source Versions.

- __You may convey a work based on the Program, or the modifications to
+ You may convey a work based on the Program, or the modifications to
  produce it from the Program, in the form of source code under the
  terms of section 4, provided that you also meet all of these conditions:

- ____a) The work must carry prominent notices stating that you modified
- ____it, and giving a relevant date.
+ a) The work must carry prominent notices stating that you modified
+ it, and giving a relevant date.

- ____b) The work must carry prominent notices stating that it is
- ____released under this License and any conditions added under section
- ____7.  This requirement modifies the requirement in section 4 to
- ____"keep intact all notices".
+ b) The work must carry prominent notices stating that it is
+ released under this License and any conditions added under section
+ 7.  This requirement modifies the requirement in section 4 to
+ "keep intact all notices".

- ____c) You must license the entire work, as a whole, under this
- ____License to anyone who comes into possession of a copy.  This
- ____License will therefore apply, along with any applicable section 7
- ____additional terms, to the whole of the work, and all its parts,
- ____regardless of how they are packaged.  This License gives no
- ____permission to license the work in any other way, but it does not
- ____invalidate such permission if you have separately received it.
+ c) You must license the entire work, as a whole, under this
+ License to anyone who comes into possession of a copy.  This
+ License will therefore apply, along with any applicable section 7
+ additional terms, to the whole of the work, and all its parts,
+ regardless of how they are packaged.  This License gives no
+ permission to license the work in any other way, but it does not
+ invalidate such permission if you have separately received it.

- ____d) If the work has interactive user interfaces, each must display
- ____Appropriate Legal Notices; however, if the Program has interactive
```

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```
-    interfaces that do not display Appropriate Legal Notices, your
-    work need not make them do so.
+ d) If the work has interactive user interfaces, each must display
+ Appropriate Legal Notices; however, if the Program has interactive
+ interfaces that do not display Appropriate Legal Notices, your
+ work need not make them do so.

-  A compilation of a covered work with other separate and independent
+ A compilation of a covered work with other separate and independent
  works, which are not by their nature extensions of the covered work,
  and which are not combined with it such as to form a larger program,
  in or on a volume of a storage or distribution medium, is called an
  in an aggregate does not cause this License to apply to the other
  parts of the aggregate.

-  6. Conveying Non-Source Forms.
+ 6. Conveying Non-Source Forms.

-  You may convey a covered work in object code form under the terms
+ You may convey a covered work in object code form under the terms
  of sections 4 and 5, provided that you also convey the
  machine-readable Corresponding Source under the terms of this License,
  in one of these ways:

-    a) Convey the object code in, or embodied in, a physical product
-    (including a physical distribution medium), accompanied by the
-    Corresponding Source fixed on a durable physical medium
-    customarily used for software interchange.
-
-    b) Convey the object code in, or embodied in, a physical product
-    (including a physical distribution medium), accompanied by a
-    written offer, valid for at least three years and valid for as
-    long as you offer spare parts or customer support for that product
-    model, to give anyone who possesses the object code either (1) a
-    copy of the Corresponding Source for all the software in the
-    product that is covered by this License, on a durable physical
-    medium customarily used for software interchange, for a price no
-    more than your reasonable cost of physically performing this
-    conveying of source, or (2) access to copy the
-    Corresponding Source from a network server at no charge.
-
-    c) Convey individual copies of the object code with a copy of the
-    written offer to provide the Corresponding Source.  This
-    alternative is allowed only occasionally and noncommercially, and
-    only if you received the object code with such an offer, in accord
-    with subsection 6b.
-
-    d) Convey the object code by offering access from a designated
-    place (gratis or for a charge), and offer equivalent access to the
-    Corresponding Source in the same way through the same place at no
-    further charge.  You need not require recipients to copy the
-    Corresponding Source along with the object code.  If the place to
-    copy the object code is a network server, the Corresponding Source
-    may be on a different server (operated by you or a third party)
-    that supports equivalent copying facilities, provided you maintain
-    clear directions next to the object code saying where to find the
-    Corresponding Source.  Regardless of what server hosts the
-    Corresponding Source, you remain obligated to ensure that it is
-    available for as long as needed to satisfy these requirements.
-
-    e) Convey the object code using peer-to-peer transmission, provided
-    you inform other peers where the object code and Corresponding
-    Source of the work are being offered to the general public at no
```

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```
- ___charge under subsection 6d.
-
- __A separable portion of the object code, whose source code is excluded
+ a) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by the
+ Corresponding Source fixed on a durable physical medium
+ customarily used for software interchange.
+
+ b) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by a
+ written offer, valid for at least three years and valid for as
+ long as you offer spare parts or customer support for that product
+ model, to give anyone who possesses the object code either (1) a
+ copy of the Corresponding Source for all the software in the
+ product that is covered by this License, on a durable physical
+ medium customarily used for software interchange, for a price no
+ more than your reasonable cost of physically performing this
+ conveying of source, or (2) access to copy the
+ Corresponding Source from a network server at no charge.
+
+ c) Convey individual copies of the object code with a copy of the
+ written offer to provide the Corresponding Source.  This
+ alternative is allowed only occasionally and noncommercially, and
+ only if you received the object code with such an offer, in accord
+ with subsection 6b.
+
+ d) Convey the object code by offering access from a designated
+ place (gratis or for a charge), and offer equivalent access to the
+ Corresponding Source in the same way through the same place at no
+ further charge.  You need not require recipients to copy the
+ Corresponding Source along with the object code.  If the place to
+ copy the object code is a network server, the Corresponding Source
+ may be on a different server (operated by you or a third party)
+ that supports equivalent copying facilities, provided you maintain
+ clear directions next to the object code saying where to find the
+ Corresponding Source.  Regardless of what server hosts the
+ Corresponding Source, you remain obligated to ensure that it is
+ available for as long as needed to satisfy these requirements.
+
+ e) Convey the object code using peer-to-peer transmission, provided
+ you inform other peers where the object code and Corresponding
+ Source of the work are being offered to the general public at no
+ charge under subsection 6d.
+
+ A separable portion of the object code, whose source code is excluded
  from the Corresponding Source as a System Library, need not be
  included in conveying the object code work.

- __A "User Product" is either (1) a "consumer product", which means any
+ A "User Product" is either (1) a "consumer product", which means any
  tangible personal property which is normally used for personal, family,
  or household purposes, or (2) anything designed or sold for incorporation
  into a dwelling.  In determining whether a product is a consumer product,
  commercial, industrial or non-consumer uses, unless such uses represent
  the only significant mode of use of the product.

- __"Installation Information" for a User Product means any methods,
+ "Installation Information" for a User Product means any methods,
  procedures, authorization keys, or other information required to install
  and execute modified versions of a covered work in that User Product from
  a modified version of its Corresponding Source.  The information must
  suffice to ensure that the continued functioning of the modified object
  code is in no case prevented or interfered with solely because
```

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```
 304  304    modification has been made.
 305  305
 306       - __If you convey an object code work under this section in, or with, or
      306  + If you convey an object code work under this section in, or with, or
 307  307    specifically for use in, a User Product, and the conveying occurs as
 308  308    part of a transaction in which the right of possession and use of the
 309  309    User Product is transferred to the recipient in perpetuity or for a
 314  314    modified object code on the User Product (for example, the work has
 315  315    been installed in ROM).
 316  316
 317       - __The requirement to provide Installation Information does not include a
      317  + The requirement to provide Installation Information does not include a
 318  318    requirement to continue to provide support service, warranty, or updates
 319  319    for a work that has been modified or installed by the recipient, or for
 320  320    the User Product in which it has been modified or installed.  Access to a
 321  321    network may be denied when the modification itself materially and
 322  322    adversely affects the operation of the network or violates the rules and
 323  323    protocols for communication across the network.
 324  324
 325       - __Corresponding Source conveyed, and Installation Information provided,
      325  + Corresponding Source conveyed, and Installation Information provided,
 326  326    in accord with this section must be in a format that is publicly
 327  327    documented (and with an implementation available to the public in
 328  328    source code form), and must require no special password or key for
 329  329    unpacking, reading or copying.
 330  330
 331       - __7. Additional Terms.
      331  + 7. Additional Terms.
 332  332
 333       - __"Additional permissions" are terms that supplement the terms of this
      333  + "Additional permissions" are terms that supplement the terms of this
 334  334    License by making exceptions from one or more of its conditions.
 335  335    Additional permissions that are applicable to the entire Program shall
 336  336    be treated as though they were included in this License, to the extent
 339  339    under those permissions, but the entire Program remains governed by
 340  340    this License without regard to the additional permissions.
 341  341
 342       - __When you convey a copy of a covered work, you may at your option
      342  + When you convey a copy of a covered work, you may at your option
 343  343    remove any additional permissions from that copy, or from any part of
 344  344    it.  (Additional permissions may be written to require their own
 345  345    removal in certain cases when you modify the work.)  You may place
 346  346    additional permissions on material, added by you to a covered work,
 347  347    for which you have or can give appropriate copyright permission.
 348  348
 349       - __Notwithstanding any other provision of this License, for material you
      349  + Notwithstanding any other provision of this License, for material you
 350  350    add to a covered work, you may (if authorized by the copyright holders of
 351  351    that material) supplement the terms of this License with terms:
 352  352
 353       - ____a) Disclaiming warranty or limiting liability differently from the
 354       - ____terms of sections 15 and 16 of this License; or
      353  + a) Disclaiming warranty or limiting liability differently from the
      354  + terms of sections 15 and 16 of this License; or
 355  355
 356       - ____b) Requiring preservation of specified reasonable legal notices or
 357       - ____author attributions in that material or in the Appropriate Legal
 358       - ____Notices displayed by works containing it; or
      356  + b) Requiring preservation of specified reasonable legal notices or
      357  + author attributions in that material or in the Appropriate Legal
      358  + Notices displayed by works containing it; or
 359  359
 360       - ____c) Prohibiting misrepresentation of the origin of that material, or
```

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```
- ____requiring that modified versions of such material be marked in
- ____reasonable ways as different from the original version; or
+ c) Prohibiting misrepresentation of the origin of that material, or
+ requiring that modified versions of such material be marked in
+ reasonable ways as different from the original version; or

- ____d) Limiting the use for publicity purposes of names of licensors or
- ____authors of the material; or
+ d) Limiting the use for publicity purposes of names of licensors or
+ authors of the material; or

- ____e) Declining to grant rights under trademark law for use of some
- ____trade names, trademarks, or service marks; or
+ e) Declining to grant rights under trademark law for use of some
+ trade names, trademarks, or service marks; or

- ____f) Requiring indemnification of licensors and authors of that
- ____material by anyone who conveys the material (or modified versions of
- ____it) with contractual assumptions of liability to the recipient, for
- ____any liability that these contractual assumptions directly impose on
- ____those licensors and authors.
+ f) Requiring indemnification of licensors and authors of that
+ material by anyone who conveys the material (or modified versions of
+ it) with contractual assumptions of liability to the recipient, for
+ any liability that these contractual assumptions directly impose on
+ those licensors and authors.

- __All other non-permissive additional terms are considered "further
+ All other non-permissive additional terms are considered "further
  restrictions" within the meaning of section 10.  If the Program as you
  received it, or any part of it, contains a notice stating that it is
- governed by this License along with a term that is a further restriction,
- you may remove that term.  If a license document contains a further
- restriction but permits relicensing or conveying under this License, you
- may add to a covered work material governed by the terms of that license
- document, provided that the further restriction does not survive such
- relicensing or conveying.
-
- __If you add terms to a covered work in accord with this section, you
+ governed by this License along with a term that is a further
+ restriction, you may remove that term.  If a license document contains
+ a further restriction but permits relicensing or conveying under this
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  keep intact all notices of the absence of any warranty; and give all
  recipients a copy of this License along with the Program.

- __You may charge any price or no price for each copy that you convey,
+ You may charge any price or no price for each copy that you convey,
  and you may offer support or warranty protection for a fee.

- __5. Conveying Modified Source Versions.
+ 5. Conveying Modified Source Versions.
```

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```
- __You may convey a work based on the Program, or the modifications to
+ You may convey a work based on the Program, or the modifications to
  produce it from the Program, in the form of source code under the
  terms of section 4, provided that you also meet all of these conditions:

- ____a) The work must carry prominent notices stating that you modified
- ____it, and giving a relevant date.
+ a) The work must carry prominent notices stating that you modified
+ it, and giving a relevant date.

- ____b) The work must carry prominent notices stating that it is
- ____released under this License and any conditions added under section
- ____7.  This requirement modifies the requirement in section 4 to
- ____"keep intact all notices".
+ b) The work must carry prominent notices stating that it is
+ released under this License and any conditions added under section
+ 7.  This requirement modifies the requirement in section 4 to
+ "keep intact all notices".

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- ____License to anyone who comes into possession of a copy.  This
- ____License will therefore apply, along with any applicable section 7
- ____additional terms, to the whole of the work, and all its parts,
- ____regardless of how they are packaged.  This License gives no
- ____permission to license the work in any other way, but it does not
- ____invalidate such permission if you have separately received it.
+ c) You must license the entire work, as a whole, under this
+ License to anyone who comes into possession of a copy.  This
+ License will therefore apply, along with any applicable section 7
+ additional terms, to the whole of the work, and all its parts,
+ regardless of how they are packaged.  This License gives no
+ permission to license the work in any other way, but it does not
+ invalidate such permission if you have separately received it.

- ____d) If the work has interactive user interfaces, each must display
- ____Appropriate Legal Notices; however, if the Program has interactive
- ____interfaces that do not display Appropriate Legal Notices, your
- ____work need not make them do so.
+ d) If the work has interactive user interfaces, each must display
+ Appropriate Legal Notices; however, if the Program has interactive
+ interfaces that do not display Appropriate Legal Notices, your
+ work need not make them do so.

- __A compilation of a covered work with other separate and independent
+ A compilation of a covered work with other separate and independent
  works, which are not by their nature extensions of the covered work,
  and which are not combined with it such as to form a larger program,
  in or on a volume of a storage or distribution medium, is called an
  in an aggregate does not cause this License to apply to the other
  parts of the aggregate.

- __6. Conveying Non-Source Forms.
+ 6. Conveying Non-Source Forms.

- __You may convey a covered work in object code form under the terms
+ You may convey a covered work in object code form under the terms
  of sections 4 and 5, provided that you also convey the
  machine-readable Corresponding Source under the terms of this License,
  in one of these ways:

- ____a) Convey the object code in, or embodied in, a physical product
- ____(including a physical distribution medium), accompanied by the
- ____Corresponding Source fixed on a durable physical medium
```

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```
- ___customarily used for software interchange.
-
- ___b) Convey the object code in, or embodied in, a physical product
- ___(including a physical distribution medium), accompanied by a
- ___written offer, valid for at least three years and valid for as
- ___long as you offer spare parts or customer support for that product
- ___model, to give anyone who possesses the object code either (1) a
- ___copy of the Corresponding Source for all the software in the
- ___product that is covered by this License, on a durable physical
- ___medium customarily used for software interchange, for a price no
- ___more than your reasonable cost of physically performing this
- ___conveying of source, or (2) access to copy the
- ___Corresponding Source from a network server at no charge.
-
- ___c) Convey individual copies of the object code with a copy of the
- ___written offer to provide the Corresponding Source.  This
- ___alternative is allowed only occasionally and noncommercially, and
- ___only if you received the object code with such an offer, in accord
- ___with subsection 6b.
-
- ___d) Convey the object code by offering access from a designated
- ___place (gratis or for a charge), and offer equivalent access to the
- ___Corresponding Source in the same way through the same place at no
- ___further charge.  You need not require recipients to copy the
- ___Corresponding Source along with the object code.  If the place to
- ___copy the object code is a network server, the Corresponding Source
- ___may be on a different server (operated by you or a third party)
- ___that supports equivalent copying facilities, provided you maintain
- ___clear directions next to the object code saying where to find the
- ___Corresponding Source.  Regardless of what server hosts the
- ___Corresponding Source, you remain obligated to ensure that it is
- ___available for as long as needed to satisfy these requirements.
-
- ___e) Convey the object code using peer-to-peer transmission, provided
- ___you inform other peers where the object code and Corresponding
- ___Source of the work are being offered to the general public at no
- ___charge under subsection 6d.
-
- __A separable portion of the object code, whose source code is excluded
+ a) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by the
+ Corresponding Source fixed on a durable physical medium
+ customarily used for software interchange.
+
+ b) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by a
+ written offer, valid for at least three years and valid for as
+ long as you offer spare parts or customer support for that product
+ model, to give anyone who possesses the object code either (1) a
+ copy of the Corresponding Source for all the software in the
+ product that is covered by this License, on a durable physical
+ medium customarily used for software interchange, for a price no
+ more than your reasonable cost of physically performing this
+ conveying of source, or (2) access to copy the
+ Corresponding Source from a network server at no charge.
+
+ c) Convey individual copies of the object code with a copy of the
+ written offer to provide the Corresponding Source.  This
+ alternative is allowed only occasionally and noncommercially, and
+ only if you received the object code with such an offer, in accord
+ with subsection 6b.
+
+ d) Convey the object code by offering access from a designated
```

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```
+ place (gratis or for a charge), and offer equivalent access to the
+ Corresponding Source in the same way through the same place at no
+ further charge.  You need not require recipients to copy the
+ Corresponding Source along with the object code.  If the place to
+ copy the object code is a network server, the Corresponding Source
+ may be on a different server (operated by you or a third party)
+ that supports equivalent copying facilities, provided you maintain
+ clear directions next to the object code saying where to find the
+ Corresponding Source.  Regardless of what server hosts the
+ Corresponding Source, you remain obligated to ensure that it is
+ available for as long as needed to satisfy these requirements.
+
+ e) Convey the object code using peer-to-peer transmission, provided
+ you inform other peers where the object code and Corresponding
+ Source of the work are being offered to the general public at no
+ charge under subsection 6d.
+
+ A separable portion of the object code, whose source code is excluded
  from the Corresponding Source as a System Library, need not be
  included in conveying the object code work.

- __A "User Product" is either (1) a "consumer product", which means any
+ A "User Product" is either (1) a "consumer product", which means any
  tangible personal property which is normally used for personal, family,
  or household purposes, or (2) anything designed or sold for incorporation
  into a dwelling.  In determining whether a product is a consumer product,
  commercial, industrial or non-consumer uses, unless such uses represent
  the only significant mode of use of the product.

- __"Installation Information" for a User Product means any methods,
+ "Installation Information" for a User Product means any methods,
  procedures, authorization keys, or other information required to install
  and execute modified versions of a covered work in that User Product from
  a modified version of its Corresponding Source.  The information must
  suffice to ensure that the continued functioning of the modified object
  code is in no case prevented or interfered with solely because
  modification has been made.

- __If you convey an object code work under this section in, or with, or
+ If you convey an object code work under this section in, or with, or
  specifically for use in, a User Product, and the conveying occurs as
  part of a transaction in which the right of possession and use of the
  User Product is transferred to the recipient in perpetuity or for a
  modified object code on the User Product (for example, the work has
  been installed in ROM).

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+ The requirement to provide Installation Information does not include a
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  the User Product in which it has been modified or installed.  Access to a
  network may be denied when the modification itself materially and
  adversely affects the operation of the network or violates the rules and
  protocols for communication across the network.

- __Corresponding Source conveyed, and Installation Information provided,
+ Corresponding Source conveyed, and Installation Information provided,
  in accord with this section must be in a format that is publicly
  documented (and with an implementation available to the public in
  source code form), and must require no special password or key for
  unpacking, reading or copying.

- __7. Additional Terms.
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+ 7. Additional Terms.

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+ All other non-permissive additional terms are considered "further
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483   sue for patent infringement).  To "grant" such a patent license to a
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+ 17. Interpretation of Sections 15 and 16.

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645 + You should have received a copy of the GNU Affero General Public License
646 + along with this program.  If not, see <https://www.gnu.org/licenses/>.
647
648   Also add information on how to contact you by electronic and paper mail.
649
    -   If your software can interact with users remotely through a computer
650 + If your software can interact with users remotely through a computer
651   network, you should also make sure that it provides a way for users to
652   get its source.  For example, if your program is a web application, its
653   interface could display a "Source" link that leads users to an archive
654   of the code.  There are many ways you could offer source, and different
655   solutions will be better for different programs; see section 13 for the
656   specific requirements.
657
    -   You should also get your employer (if you work as a programmer) or school,
658 + You should also get your employer (if you work as a programmer) or school,
659   if any, to sign a "copyright disclaimer" for the program, if necessary.
660   For more information on this, and how to apply and follow the GNU AGPL, see
    - <http://www.gnu.org/licenses/>.
    -
    -
    - "Commons Clause" License Condition
    -
    - The Software is provided to you by the Licensor under the License, as
    - defined below, subject to the following condition. Without limiting
    - other conditions in the License, the grant of rights under the License
    - will not include, and the License does not grant to you, the right to
    - Sell the Software.  For purposes of the foregoing, "Sell" means
    - practicing any or all of the rights granted to you under the License
    - to provide to third parties, for a fee or other consideration,
    - a product or service that consists, entirely or substantially,
    - of the Software or the functionality of the Software. Any license
    - notice or attribution required by the License must also include
    - this Commons Cause License Condition notice.
661 + <https://www.gnu.org/licenses/>.
```

486 enterprise/deferred-locks/LICENSE.txt

```
... ... @@ -1,51 +1,35 @@
1       - NOTICE
2       - This package contains software licensed under different
3       - licenses, please refer to the NOTICE.txt file for further
4       - information and LICENSES.txt for full license texts.
  1   + GNU AFFERO GENERAL PUBLIC LICENSE
  2   +   Version 3, 19 November 2007
5   3
6       - Neo4j Enterprise object code can be licensed independently from
7       - the source under separate commercial terms. Email inquiries can be
8       - directed to: licensing@neo4j.com. More information is also
9       - available at:https://neo4j.com/licensing/
  4   + Copyright (C) 2007 Free Software Foundation, Inc. <https://fsf.org/>
  5   + Everyone is permitted to copy and distribute verbatim copies
  6   + of this license document, but changing it is not allowed.
10  7
11      - The software ("Software") is developed and owned by Neo4j Sweden AB
12      - (referred to in this notice as “Neo4j”) and is subject to the terms
13      - of the GNU AFFERO GENERAL PUBLIC LICENSE Version 3, with the Commons Clause as follows:
  8   + Preamble
```

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```
-
-
-                    GNU AFFERO GENERAL PUBLIC LICENSE
-                       Version 3, 19 November 2007
-
-  Copyright (C) 2007 Free Software Foundation, Inc. <http://fsf.org/>
-  Everyone is permitted to copy and distribute verbatim copies
-  of this license document, but changing it is not allowed.
-
-                            Preamble
-
-    The GNU Affero General Public License is a free, copyleft license
- for software and other kinds of works, specifically designed to ensure
+ The GNU Affero General Public License is a free, copyleft license for
+ software and other kinds of works, specifically designed to ensure
   cooperation with the community in the case of network server software.

-   The licenses for most software and other practical works are
- designed to take away your freedom to share and change the works.  By
- contrast, our General Public Licenses are intended to guarantee your
- freedom to share and change all versions of a program--to make sure it
- remains free software for all its users.
+ The licenses for most software and other practical works are designed
+ to take away your freedom to share and change the works.  By contrast,
+ our General Public Licenses are intended to guarantee your freedom to
+ share and change all versions of a program--to make sure it remains free
+ software for all its users.

-   When we speak of free software, we are referring to freedom, not
+ When we speak of free software, we are referring to freedom, not
   price.  Our General Public Licenses are designed to make sure that you
   have the freedom to distribute copies of free software (and charge for
   them if you wish), that you receive source code or can get it if you
   want it, that you can change the software or use pieces of it in new
   free programs, and that you know you can do these things.

-   Developers that use our General Public Licenses protect your rights
+ Developers that use our General Public Licenses protect your rights
   with two steps: (1) assert copyright on the software, and (2) offer
   you this License which gives you legal permission to copy, distribute
   and/or modify the software.

-   A secondary benefit of defending all users' freedom is that
+ A secondary benefit of defending all users' freedom is that
   improvements made in alternate versions of the program, if they
   receive widespread use, become available for other developers to
   incorporate.  Many developers of free software are heartened and
   letting the public access it on a server without ever releasing its
   source code to the public.

-   The GNU Affero General Public License is designed specifically to
+ The GNU Affero General Public License is designed specifically to
   ensure that, in such cases, the modified source code becomes available
   to the community.  It requires the operator of a network server to
   provide the source code of the modified version running there to the
   users of that server.  Therefore, public use of a modified version, on
   a publicly accessible server, gives the public access to the source
   code of the modified version.

-   An older license, called the Affero General Public License and
+ An older license, called the Affero General Public License and
   published by Affero, was designed to accomplish similar goals.  This is
```

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```
a different license, not a version of the Affero GPL, but Affero has
released a new version of the Affero GPL which permits relicensing under
this license.

- The precise terms and conditions for copying, distribution and
+ The precise terms and conditions for copying, distribution and
modification follow.

-                       TERMS AND CONDITIONS
+ TERMS AND CONDITIONS
+
+ 0. Definitions.

-  0. Definitions.
+ "This License" refers to version 3 of the GNU Affero General Public License.

-  "This License" refers to version 3 of the GNU Affero General Public
- License.
+ "Copyright" also means copyright-like laws that apply to other kinds of
+ works, such as semiconductor masks.

-  "Copyright" also means copyright-like laws that apply to other kinds
- of works, such as semiconductor masks.
-
-  "The Program" refers to any copyrightable work licensed under this
+ "The Program" refers to any copyrightable work licensed under this
License.  Each licensee is addressed as "you".  "Licensees" and
"recipients" may be individuals or organizations.

- To "modify" a work means to copy from or adapt all or part of the work
+ To "modify" a work means to copy from or adapt all or part of the work
in a fashion requiring copyright permission, other than the making of an
exact copy.  The resulting work is called a "modified version" of the
earlier work or a work "based on" the earlier work.

- A "covered work" means either the unmodified Program or a work based
+ A "covered work" means either the unmodified Program or a work based
on the Program.

- To "propagate" a work means to do anything with it that, without
+ To "propagate" a work means to do anything with it that, without
permission, would make you directly or secondarily liable for
infringement under applicable copyright law, except executing it on a
computer or modifying a private copy.  Propagation includes copying,
distribution (with or without modification), making available to the
public, and in some countries other activities as well.

- To "convey" a work means any kind of propagation that enables other
+ To "convey" a work means any kind of propagation that enables other
parties to make or receive copies.  Mere interaction with a user through
a computer network, with no transfer of a copy, is not conveying.

- An interactive user interface displays "Appropriate Legal Notices"
+ An interactive user interface displays "Appropriate Legal Notices"
to the extent that it includes a convenient and prominently visible
feature that (1) displays an appropriate copyright notice, and (2)
tells the user that there is no warranty for the work (except to the
the interface presents a list of user commands or options, such as a
menu, a prominent item in the list meets this criterion.

- 1. Source Code.
+ 1. Source Code.
```

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```
- __The "source code" for a work means the preferred form of the work
+ The "source code" for a work means the preferred form of the work
  for making modifications to it.  "Object code" means any non-source
  form of a work.

- __A "Standard Interface" means an interface that either is an official
+ A "Standard Interface" means an interface that either is an official
  standard defined by a recognized standards body, or, in the case of
  interfaces specified for a particular programming language, one that
  is widely used among developers working in that language.

- __The "System Libraries" of an executable work include anything, other
+ The "System Libraries" of an executable work include anything, other
  than the work as a whole, that (a) is included in the normal form of
  packaging a Major Component, but which is not part of that Major
  Component, and (b) serves only to enable use of the work with that
  (if any) on which the executable work runs, or a compiler used to
  produce the work, or an object code interpreter used to run it.

- __The "Corresponding Source" for a work in object code form means all
+ The "Corresponding Source" for a work in object code form means all
  the source code needed to generate, install, and (for an executable
  work) run the object code and to modify the work, including scripts to
  control those activities.  However, it does not include the work's
  such as by intimate data communication or control flow between those
  subprograms and other parts of the work.

- __The Corresponding Source need not include anything that users
+ The Corresponding Source need not include anything that users
  can regenerate automatically from other parts of the Corresponding
  Source.

- __The Corresponding Source for a work in source code form is that
+ The Corresponding Source for a work in source code form is that
  same work.

- __2. Basic Permissions.
+ 2. Basic Permissions.

- __All rights granted under this License are granted for the term of
+ All rights granted under this License are granted for the term of
  copyright on the Program, and are irrevocable provided the stated
  conditions are met.  This License explicitly affirms your unlimited
  permission to run the unmodified Program.  The output from running a
  covered work is covered by this License only if the output, given its
  content, constitutes a covered work.  This License acknowledges your
  rights of fair use or other equivalent, as provided by copyright law.

- __You may make, run and propagate covered works that you do not
+ You may make, run and propagate covered works that you do not
  convey, without conditions so long as your license otherwise remains
  in force.  You may convey covered works to others for the sole purpose
  of having them make modifications exclusively for you, or provide you
  and control, on terms that prohibit them from making any copies of
  your copyrighted material outside their relationship with you.

- __Conveying under any other circumstances is permitted solely under
+ Conveying under any other circumstances is permitted solely under
  the conditions stated below.  Sublicensing is not allowed; section 10
  makes it unnecessary.

- __3. Protecting Users' Legal Rights From Anti-Circumvention Law.
+ 3. Protecting Users' Legal Rights From Anti-Circumvention Law.
```

```
@@ -168,7 +168,7 @@
 
- __No covered work shall be deemed part of an effective technological
+ No covered work shall be deemed part of an effective technological
 measure under any applicable law fulfilling obligations under article
 11 of the WIPO copyright treaty adopted on 20 December 1996, or
 similar laws prohibiting or restricting circumvention of such
 measures.
 
- __When you convey a covered work, you waive any legal power to forbid
+ When you convey a covered work, you waive any legal power to forbid
 circumvention of technological measures to the extent such circumvention
 is effected by exercising rights under this License with respect to
 the covered work, and you disclaim any intention to limit operation or
 modification of the work as a means of enforcing, against the work's
 users, your or third parties' legal rights to forbid circumvention of
 technological measures.
 
- __4. Conveying Verbatim Copies.
+ 4. Conveying Verbatim Copies.
 
- __You may convey verbatim copies of the Program's source code as you
+ You may convey verbatim copies of the Program's source code as you
 receive it, in any medium, provided that you conspicuously and
 appropriately publish on each copy an appropriate copyright notice;
 keep intact all notices stating that this License and any
 non-permissive terms added in accord with section 7 apply to the code;
 keep intact all notices of the absence of any warranty; and give all
 recipients a copy of this License along with the Program.
 
- __You may charge any price or no price for each copy that you convey,
+ You may charge any price or no price for each copy that you convey,
 and you may offer support or warranty protection for a fee.
 
- __5. Conveying Modified Source Versions.
+ 5. Conveying Modified Source Versions.
 
- __You may convey a work based on the Program, or the modifications to
+ You may convey a work based on the Program, or the modifications to
 produce it from the Program, in the form of source code under the
 terms of section 4, provided that you also meet all of these conditions:
 
- ____a) The work must carry prominent notices stating that you modified
- ____it, and giving a relevant date.
+ a) The work must carry prominent notices stating that you modified
+ it, and giving a relevant date.
 
- ____b) The work must carry prominent notices stating that it is
- ____released under this License and any conditions added under section
- ____7.  This requirement modifies the requirement in section 4 to
- ____"keep intact all notices".
+ b) The work must carry prominent notices stating that it is
+ released under this License and any conditions added under section
+ 7.  This requirement modifies the requirement in section 4 to
+ "keep intact all notices".
 
- ____c) You must license the entire work, as a whole, under this
- ____License to anyone who comes into possession of a copy.  This
- ____License will therefore apply, along with any applicable section 7
- ____additional terms, to the whole of the work, and all its parts,
- ____regardless of how they are packaged.  This License gives no
- ____permission to license the work in any other way, but it does not
- ____invalidate such permission if you have separately received it.
+ c) You must license the entire work, as a whole, under this
```

```
+ License to anyone who comes into possession of a copy.  This
+ License will therefore apply, along with any applicable section 7
+ additional terms, to the whole of the work, and all its parts,
+ regardless of how they are packaged.  This License gives no
+ permission to license the work in any other way, but it does not
+ invalidate such permission if you have separately received it.

- ____d) If the work has interactive user interfaces, each must display
- ____Appropriate Legal Notices; however, if the Program has interactive
- ____interfaces that do not display Appropriate Legal Notices, your
- ____work need not make them do so.
+ d) If the work has interactive user interfaces, each must display
+ Appropriate Legal Notices; however, if the Program has interactive
+ interfaces that do not display Appropriate Legal Notices, your
+ work need not make them do so.

- __A compilation of a covered work with other separate and independent
+ A compilation of a covered work with other separate and independent
  works, which are not by their nature extensions of the covered work,
  and which are not combined with it such as to form a larger program,
  in or on a volume of a storage or distribution medium, is called an
  in an aggregate does not cause this License to apply to the other
  parts of the aggregate.

- __6. Conveying Non-Source Forms.
+ 6. Conveying Non-Source Forms.

- __You may convey a covered work in object code form under the terms
+ You may convey a covered work in object code form under the terms
  of sections 4 and 5, provided that you also convey the
  machine-readable Corresponding Source under the terms of this License,
  in one of these ways:

- ____a) Convey the object code in, or embodied in, a physical product
- ____(including a physical distribution medium), accompanied by the
- ____Corresponding Source fixed on a durable physical medium
- ____customarily used for software interchange.
-
- ____b) Convey the object code in, or embodied in, a physical product
- ____(including a physical distribution medium), accompanied by a
- ____written offer, valid for at least three years and valid for as
- ____long as you offer spare parts or customer support for that product
- ____model, to give anyone who possesses the object code either (1) a
- ____copy of the Corresponding Source for all the software in the
- ____product that is covered by this License, on a durable physical
- ____medium customarily used for software interchange, for a price no
- ____more than your reasonable cost of physically performing this
- ____conveying of source, or (2) access to copy the
- ____Corresponding Source from a network server at no charge.
-
- ____c) Convey individual copies of the object code with a copy of the
- ____written offer to provide the Corresponding Source.  This
- ____alternative is allowed only occasionally and noncommercially, and
- ____only if you received the object code with such an offer, in accord
- ____with subsection 6b.
-
- ____d) Convey the object code by offering access from a designated
- ____place (gratis or for a charge), and offer equivalent access to the
- ____Corresponding Source in the same way through the same place at no
- ____further charge.  You need not require recipients to copy the
- ____Corresponding Source along with the object code.  If the place to
- ____copy the object code is a network server, the Corresponding Source
- ____may be on a different server (operated by you or a third party)
```

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```
- ___that supports equivalent copying facilities, provided you maintain
- ___clear directions next to the object code saying where to find the
- ___Corresponding Source.  Regardless of what server hosts the
- ___Corresponding Source, you remain obligated to ensure that it is
- ___available for as long as needed to satisfy these requirements.
-
- ___e) Convey the object code using peer-to-peer transmission, provided
- ___you inform other peers where the object code and Corresponding
- ___Source of the work are being offered to the general public at no
- ___charge under subsection 6d.
-
- __A separable portion of the object code, whose source code is excluded
+ a) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by the
+ Corresponding Source fixed on a durable physical medium
+ customarily used for software interchange.
+
+ b) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by a
+ written offer, valid for at least three years and valid for as
+ long as you offer spare parts or customer support for that product
+ model, to give anyone who possesses the object code either (1) a
+ copy of the Corresponding Source for all the software in the
+ product that is covered by this License, on a durable physical
+ medium customarily used for software interchange, for a price no
+ more than your reasonable cost of physically performing this
+ conveying of source, or (2) access to copy the
+ Corresponding Source from a network server at no charge.
+
+ c) Convey individual copies of the object code with a copy of the
+ written offer to provide the Corresponding Source.  This
+ alternative is allowed only occasionally and noncommercially, and
+ only if you received the object code with such an offer, in accord
+ with subsection 6b.
+
+ d) Convey the object code by offering access from a designated
+ place (gratis or for a charge), and offer equivalent access to the
+ Corresponding Source in the same way through the same place at no
+ further charge.  You need not require recipients to copy the
+ Corresponding Source along with the object code.  If the place to
+ copy the object code is a network server, the Corresponding Source
+ may be on a different server (operated by you or a third party)
+ that supports equivalent copying facilities, provided you maintain
+ clear directions next to the object code saying where to find the
+ Corresponding Source.  Regardless of what server hosts the
+ Corresponding Source, you remain obligated to ensure that it is
+ available for as long as needed to satisfy these requirements.
+
+ e) Convey the object code using peer-to-peer transmission, provided
+ you inform other peers where the object code and Corresponding
+ Source of the work are being offered to the general public at no
+ charge under subsection 6d.
+
+ A separable portion of the object code, whose source code is excluded
  from the Corresponding Source as a System Library, need not be
  included in conveying the object code work.

- __A "User Product" is either (1) a "consumer product", which means any
+ A "User Product" is either (1) a "consumer product", which means any
  tangible personal property which is normally used for personal, family,
  or household purposes, or (2) anything designed or sold for incorporation
  into a dwelling.  In determining whether a product is a consumer product,
  commercial, industrial or non-consumer uses, unless such uses represent
```

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```
the only significant mode of use of the product.

- __"Installation Information" for a User Product means any methods,
+ "Installation Information" for a User Product means any methods,
procedures, authorization keys, or other information required to install
and execute modified versions of a covered work in that User Product from
a modified version of its Corresponding Source.  The information must
suffice to ensure that the continued functioning of the modified object
code is in no case prevented or interfered with solely because
modification has been made.

- __If you convey an object code work under this section in, or with, or
+ If you convey an object code work under this section in, or with, or
specifically for use in, a User Product, and the conveying occurs as
part of a transaction in which the right of possession and use of the
User Product is transferred to the recipient in perpetuity or for a
modified object code on the User Product (for example, the work has
been installed in ROM).

- __The requirement to provide Installation Information does not include a
+ The requirement to provide Installation Information does not include a
requirement to continue to provide support service, warranty, or updates
for a work that has been modified or installed by the recipient, or for
the User Product in which it has been modified or installed.  Access to a
network may be denied when the modification itself materially and
adversely affects the operation of the network or violates the rules and
protocols for communication across the network.

- __Corresponding Source conveyed, and Installation Information provided,
+ Corresponding Source conveyed, and Installation Information provided,
in accord with this section must be in a format that is publicly
documented (and with an implementation available to the public in
source code form), and must require no special password or key for
unpacking, reading or copying.

- __7. Additional Terms.
+ 7. Additional Terms.

- __"Additional permissions" are terms that supplement the terms of this
+ "Additional permissions" are terms that supplement the terms of this
License by making exceptions from one or more of its conditions.
Additional permissions that are applicable to the entire Program shall
be treated as though they were included in this License, to the extent
under those permissions, but the entire Program remains governed by
this License without regard to the additional permissions.

- __When you convey a copy of a covered work, you may at your option
+ When you convey a copy of a covered work, you may at your option
remove any additional permissions from that copy, or from any part of
it.  (Additional permissions may be written to require their own
removal in certain cases when you modify the work.)  You may place
additional permissions on material, added by you to a covered work,
for which you have or can give appropriate copyright permission.

- __Notwithstanding any other provision of this License, for material you
+ Notwithstanding any other provision of this License, for material you
add to a covered work, you may (if authorized by the copyright holders of
that material) supplement the terms of this License with terms:

- ____a) Disclaiming warranty or limiting liability differently from the
- ____terms of sections 15 and 16 of this License; or
+ a) Disclaiming warranty or limiting liability differently from the
+ terms of sections 15 and 16 of this License; or
```

```
- ____b) Requiring preservation of specified reasonable legal notices or
- ____author attributions in that material or in the Appropriate Legal
- ____Notices displayed by works containing it; or
+ b) Requiring preservation of specified reasonable legal notices or
+ author attributions in that material or in the Appropriate Legal
+ Notices displayed by works containing it; or

- ____c) Prohibiting misrepresentation of the origin of that material, or
- ____requiring that modified versions of such material be marked in
- ____reasonable ways as different from the original version; or
+ c) Prohibiting misrepresentation of the origin of that material, or
+ requiring that modified versions of such material be marked in
+ reasonable ways as different from the original version; or

- ____d) Limiting the use for publicity purposes of names of licensors or
- ____authors of the material; or
+ d) Limiting the use for publicity purposes of names of licensors or
+ authors of the material; or

- ____e) Declining to grant rights under trademark law for use of some
- ____trade names, trademarks, or service marks; or
+ e) Declining to grant rights under trademark law for use of some
+ trade names, trademarks, or service marks; or

- ____f) Requiring indemnification of licensors and authors of that
- ____material by anyone who conveys the material (or modified versions of
- ____it) with contractual assumptions of liability to the recipient, for
- ____any liability that these contractual assumptions directly impose on
- ____those licensors and authors.
+ f) Requiring indemnification of licensors and authors of that
+ material by anyone who conveys the material (or modified versions of
+ it) with contractual assumptions of liability to the recipient, for
+ any liability that these contractual assumptions directly impose on
+ those licensors and authors.

- __All other non-permissive additional terms are considered "further
+ All other non-permissive additional terms are considered "further
  restrictions" within the meaning of section 10.  If the Program as you
  received it, or any part of it, contains a notice stating that it is
- governed by this License along with a term that is a further restriction,
- you may remove that term.  If a license document contains a further
- restriction but permits relicensing or conveying under this License, you
- may add to a covered work material governed by the terms of that license
- document, provided that the further restriction does not survive such
- relicensing or conveying.
-
- __If you add terms to a covered work in accord with this section, you
+ governed by this License along with a term that is a further
+ restriction, you may remove that term.  If a license document contains
+ a further restriction but permits relicensing or conveying under this
+ License, you may add to a covered work material governed by the terms
+ of that license document, provided that the further restriction does
+ not survive such relicensing or conveying.
+
+ If you add terms to a covered work in accord with this section, you
  must place, in the relevant source files, a statement of the
  additional terms that apply to those files, or a notice indicating
  where to find the applicable terms.

- __Additional terms, permissive or non-permissive, may be stated in the
+ Additional terms, permissive or non-permissive, may be stated in the
  form of a separately written license, or stated as exceptions;
```

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```
410 393   the above requirements apply either way.
411 394
412       - __8. Termination.
    395   + 8. Termination.
413 396
414       - __You may not propagate or modify a covered work except as expressly
    397   + You may not propagate or modify a covered work except as expressly
415 398   provided under this License.  Any attempt otherwise to propagate or
416 399   modify it is void, and will automatically terminate your rights under
417 400   this License (including any patent licenses granted under the third
418 401   paragraph of section 11).
419 402
420       - __However, if you cease all violation of this License, then your
    403   + However, if you cease all violation of this License, then your
421 404   license from a particular copyright holder is reinstated (a)
422 405   provisionally, unless and until the copyright holder explicitly and
423 406   finally terminates your license, and (b) permanently, if the copyright
424 407   holder fails to notify you of the violation by some reasonable means
425 408   prior to 60 days after the cessation.
426 409
427       - __Moreover, your license from a particular copyright holder is
    410   + Moreover, your license from a particular copyright holder is
428 411   reinstated permanently if the copyright holder notifies you of the
429 412   violation by some reasonable means, this is the first time you have
430 413   received notice of violation of this License (for any work) from that
431 414   copyright holder, and you cure the violation prior to 30 days after
432 415   your receipt of the notice.
433 416
434       - __Termination of your rights under this section does not terminate the
    417   + Termination of your rights under this section does not terminate the
435 418   licenses of parties who have received copies or rights from you under
436 419   this License.  If your rights have been terminated and not permanently
437 420   reinstated, you do not qualify to receive new licenses for the same
438 421   material under section 10.
439 422
440       - __9. Acceptance Not Required for Having Copies.
    423   + 9. Acceptance Not Required for Having Copies.
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    441   + An "entity transaction" is a transaction transferring control of an
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466 449   the predecessor has it or can get it with reasonable efforts.
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92  75    earlier work or a work "based on" the earlier work.
93  76
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95  78    on the Program.
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111 94   tells the user that there is no warranty for the work (except to the
114 97   the interface presents a list of user commands or options, such as a
115 98   menu, a prominent item in the list meets this criterion.
116 99
117     - __1. Source Code.
        100 + 1. Source Code.
118 101
119     - __The "source code" for a work means the preferred form of the work
        102 + The "source code" for a work means the preferred form of the work
120 103  for making modifications to it.  "Object code" means any non-source
121 104  form of a work.
122 105
123     - __A "Standard Interface" means an interface that either is an official
        106 + A "Standard Interface" means an interface that either is an official
124 107  standard defined by a recognized standards body, or, in the case of
125 108  interfaces specified for a particular programming language, one that
126 109  is widely used among developers working in that language.
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129 112  than the work as a whole, that (a) is included in the normal form of
130 113  packaging a Major Component, but which is not part of that Major
131 114  Component, and (b) serves only to enable use of the work with that
136 119  (if any) on which the executable work runs, or a compiler used to
137 120  produce the work, or an object code interpreter used to run it.
138 121
139     - __The "Corresponding Source" for a work in object code form means all
        122 + The "Corresponding Source" for a work in object code form means all
140 123  the source code needed to generate, install, and (for an executable
141 124  work) run the object code and to modify the work, including scripts to
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149 132  such as by intimate data communication or control flow between those
150 133  subprograms and other parts of the work.
151 134
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-    copy of the Corresponding Source for all the software in the
-    product that is covered by this License, on a durable physical
-    medium customarily used for software interchange, for a price no
-    more than your reasonable cost of physically performing this
-    conveying of source, or (2) access to copy the
-    Corresponding Source from a network server at no charge.
-
-    c) Convey individual copies of the object code with a copy of the
-    written offer to provide the Corresponding Source.  This
-    alternative is allowed only occasionally and noncommercially, and
-    only if you received the object code with such an offer, in accord
-    with subsection 6b.
-
-    d) Convey the object code by offering access from a designated
-    place (gratis or for a charge), and offer equivalent access to the
-    Corresponding Source in the same way through the same place at no
-    further charge.  You need not require recipients to copy the
-    Corresponding Source along with the object code.  If the place to
-    copy the object code is a network server, the Corresponding Source
-    may be on a different server (operated by you or a third party)
-    that supports equivalent copying facilities, provided you maintain
-    clear directions next to the object code saying where to find the
-    Corresponding Source.  Regardless of what server hosts the
-    Corresponding Source, you remain obligated to ensure that it is
-    available for as long as needed to satisfy these requirements.
-
-    e) Convey the object code using peer-to-peer transmission, provided
-    you inform other peers where the object code and Corresponding
-    Source of the work are being offered to the general public at no
-    charge under subsection 6d.
-
-  A separable portion of the object code, whose source code is excluded
+ a) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by the
+ Corresponding Source fixed on a durable physical medium
+ customarily used for software interchange.
+
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```
+ Corresponding Source from a network server at no charge.
+
+ c) Convey individual copies of the object code with a copy of the
+ written offer to provide the Corresponding Source.  This
+ alternative is allowed only occasionally and noncommercially, and
+ only if you received the object code with such an offer, in accord
+ with subsection 6b.
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+ d) Convey the object code by offering access from a designated
+ place (gratis or for a charge), and offer equivalent access to the
+ Corresponding Source in the same way through the same place at no
+ further charge.  You need not require recipients to copy the
+ Corresponding Source along with the object code.  If the place to
+ copy the object code is a network server, the Corresponding Source
+ may be on a different server (operated by you or a third party)
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+ clear directions next to the object code saying where to find the
+ Corresponding Source.  Regardless of what server hosts the
+ Corresponding Source, you remain obligated to ensure that it is
+ available for as long as needed to satisfy these requirements.
+
+ e) Convey the object code using peer-to-peer transmission, provided
+ you inform other peers where the object code and Corresponding
+ Source of the work are being offered to the general public at no
+ charge under subsection 6d.
+
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+ A "User Product" is either (1) a "consumer product", which means any
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- __If you convey an object code work under this section in, or with, or
+ If you convey an object code work under this section in, or with, or
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- __The requirement to provide Installation Information does not include a
+ The requirement to provide Installation Information does not include a
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+ Corresponding Source conveyed, and Installation Information provided,
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2 +   Version 3, 19 November 2007
5  3
6         - Neo4j Enterprise object code can be licensed independently from
7         - the source under separate commercial terms. Email inquiries can be
8         - directed to: licensing@neo4j.com. More information is also
```

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```
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+ of this license document, but changing it is not allowed.

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-
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-                            Preamble
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-   The GNU Affero General Public License is a free, copyleft license
- for software and other kinds of works, specifically designed to ensure
+ The GNU Affero General Public License is a free, copyleft license for
+ software and other kinds of works, specifically designed to ensure
  cooperation with the community in the case of network server software.

- __The licenses for most software and other practical works are
- designed to take away your freedom to share and change the works.  By
- contrast, our General Public Licenses are intended to guarantee your
- freedom to share and change all versions of a program--to make sure it
- remains free software for all its users.
+ The licenses for most software and other practical works are designed
+ to take away your freedom to share and change the works.  By contrast,
+ our General Public Licenses are intended to guarantee your freedom to
+ share and change all versions of a program--to make sure it remains free
+ software for all its users.

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+ When we speak of free software, we are referring to freedom, not
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  have the freedom to distribute copies of free software (and charge for
  them if you wish), that you receive source code or can get it if you
  want it, that you can change the software or use pieces of it in new
  free programs, and that you know you can do these things.

- __Developers that use our General Public Licenses protect your rights
+ Developers that use our General Public Licenses protect your rights
  with two steps: (1) assert copyright on the software, and (2) offer
  you this License which gives you legal permission to copy, distribute
  and/or modify the software.

- __A secondary benefit of defending all users' freedom is that
+ A secondary benefit of defending all users' freedom is that
  improvements made in alternate versions of the program, if they
  receive widespread use, become available for other developers to
  incorporate.  Many developers of free software are heartened and
  letting the public access it on a server without ever releasing its
  source code to the public.

- __The GNU Affero General Public License is designed specifically to
+ The GNU Affero General Public License is designed specifically to
  ensure that, in such cases, the modified source code becomes available
```

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```
to the community.  It requires the operator of a network server to
provide the source code of the modified version running there to the
users of that server.  Therefore, public use of a modified version, on
a publicly accessible server, gives the public access to the source
code of the modified version.

-  An older license, called the Affero General Public License and
+ An older license, called the Affero General Public License and
published by Affero, was designed to accomplish similar goals.  This is
a different license, not a version of the Affero GPL, but Affero has
released a new version of the Affero GPL which permits relicensing under
this license.

-  The precise terms and conditions for copying, distribution and
+ The precise terms and conditions for copying, distribution and
modification follow.

-                       TERMS AND CONDITIONS
+ TERMS AND CONDITIONS
+
+ 0. Definitions.

-   0. Definitions.
+ "This License" refers to version 3 of the GNU Affero General Public License.

-   "This License" refers to version 3 of the GNU Affero General Public
- License.
+ "Copyright" also means copyright-like laws that apply to other kinds of
+ works, such as semiconductor masks.

-   "Copyright" also means copyright-like laws that apply to other kinds
- of works, such as semiconductor masks.
-
-   "The Program" refers to any copyrightable work licensed under this
+ "The Program" refers to any copyrightable work licensed under this
License.  Each licensee is addressed as "you".  "Licensees" and
"recipients" may be individuals or organizations.

-  To "modify" a work means to copy from or adapt all or part of the work
+ To "modify" a work means to copy from or adapt all or part of the work
in a fashion requiring copyright permission, other than the making of an
exact copy.  The resulting work is called a "modified version" of the
earlier work or a work "based on" the earlier work.

-  A "covered work" means either the unmodified Program or a work based
+ A "covered work" means either the unmodified Program or a work based
on the Program.

-  To "propagate" a work means to do anything with it that, without
+ To "propagate" a work means to do anything with it that, without
permission, would make you directly or secondarily liable for
infringement under applicable copyright law, except executing it on a
computer or modifying a private copy.  Propagation includes copying,
distribution (with or without modification), making available to the
public, and in some countries other activities as well.

-  To "convey" a work means any kind of propagation that enables other
+ To "convey" a work means any kind of propagation that enables other
parties to make or receive copies.  Mere interaction with a user through
a computer network, with no transfer of a copy, is not conveying.

-  An interactive user interface displays "Appropriate Legal Notices"
+ An interactive user interface displays "Appropriate Legal Notices"
```

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```
   to the extent that it includes a convenient and prominently visible
   feature that (1) displays an appropriate copyright notice, and (2)
   tells the user that there is no warranty for the work (except to the
   the interface presents a list of user commands or options, such as a
   menu, a prominent item in the list meets this criterion.

- __1. Source Code.
+ 1. Source Code.

- __The "source code" for a work means the preferred form of the work
+ The "source code" for a work means the preferred form of the work
   for making modifications to it.  "Object code" means any non-source
   form of a work.

- __A "Standard Interface" means an interface that either is an official
+ A "Standard Interface" means an interface that either is an official
   standard defined by a recognized standards body, or, in the case of
   interfaces specified for a particular programming language, one that
   is widely used among developers working in that language.

- __The "System Libraries" of an executable work include anything, other
+ The "System Libraries" of an executable work include anything, other
   than the work as a whole, that (a) is included in the normal form of
   packaging a Major Component, but which is not part of that Major
   Component, and (b) serves only to enable use of the work with that
   (if any) on which the executable work runs, or a compiler used to
   produce the work, or an object code interpreter used to run it.

- __The "Corresponding Source" for a work in object code form means all
+ The "Corresponding Source" for a work in object code form means all
   the source code needed to generate, install, and (for an executable
   work) run the object code and to modify the work, including scripts to
   control those activities.  However, it does not include the work's
   such as by intimate data communication or control flow between those
   subprograms and other parts of the work.

- __The Corresponding Source need not include anything that users
+ The Corresponding Source need not include anything that users
   can regenerate automatically from other parts of the Corresponding
   Source.

- __The Corresponding Source for a work in source code form is that
+ The Corresponding Source for a work in source code form is that
   same work.

- __2. Basic Permissions.
+ 2. Basic Permissions.

- __All rights granted under this License are granted for the term of
+ All rights granted under this License are granted for the term of
   copyright on the Program, and are irrevocable provided the stated
   conditions are met.  This License explicitly affirms your unlimited
   permission to run the unmodified Program.  The output from running a
   covered work is covered by this License only if the output, given its
   content, constitutes a covered work.  This License acknowledges your
   rights of fair use or other equivalent, as provided by copyright law.

- __You may make, run and propagate covered works that you do not
+ You may make, run and propagate covered works that you do not
   convey, without conditions so long as your license otherwise remains
   in force.  You may convey covered works to others for the sole purpose
   of having them make modifications exclusively for you, or provide you
   and control, on terms that prohibit them from making any copies of
```

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```
178 161   your copyrighted material outside their relationship with you.
179 162
180       - __Conveying under any other circumstances is permitted solely under
    163   + Conveying under any other circumstances is permitted solely under
181 164   the conditions stated below.  Sublicensing is not allowed; section 10
182 165   makes it unnecessary.
183 166
184       - __3. Protecting Users' Legal Rights From Anti-Circumvention Law.
    167   + 3. Protecting Users' Legal Rights From Anti-Circumvention Law.
185 168
186       - __No covered work shall be deemed part of an effective technological
    169   + No covered work shall be deemed part of an effective technological
187 170   measure under any applicable law fulfilling obligations under article
188 171   11 of the WIPO copyright treaty adopted on 20 December 1996, or
189 172   similar laws prohibiting or restricting circumvention of such
190 173   measures.
191 174
192       - __When you convey a covered work, you waive any legal power to forbid
    175   + When you convey a covered work, you waive any legal power to forbid
193 176   circumvention of technological measures to the extent such circumvention
194 177   is effected by exercising rights under this License with respect to
195 178   the covered work, and you disclaim any intention to limit operation or
196 179   modification of the work as a means of enforcing, against the work's
197 180   users, your or third parties' legal rights to forbid circumvention of
198 181   technological measures.
199 182
200       - __4. Conveying Verbatim Copies.
    183   + 4. Conveying Verbatim Copies.
201 184
202       - __You may convey verbatim copies of the Program's source code as you
    185   + You may convey verbatim copies of the Program's source code as you
203 186   receive it, in any medium, provided that you conspicuously and
204 187   appropriately publish on each copy an appropriate copyright notice;
205 188   keep intact all notices stating that this License and any
206 189   non-permissive terms added in accord with section 7 apply to the code;
207 190   keep intact all notices of the absence of any warranty; and give all
208 191   recipients a copy of this License along with the Program.
209 192
210       - __You may charge any price or no price for each copy that you convey,
    193   + You may charge any price or no price for each copy that you convey,
211 194   and you may offer support or warranty protection for a fee.
212 195
213       - __5. Conveying Modified Source Versions.
    196   + 5. Conveying Modified Source Versions.
214 197
215       - __You may convey a work based on the Program, or the modifications to
    198   + You may convey a work based on the Program, or the modifications to
216 199   produce it from the Program, in the form of source code under the
217 200   terms of section 4, provided that you also meet all of these conditions:
218 201
219       - ____a) The work must carry prominent notices stating that you modified
220       - ____it, and giving a relevant date.
    202   + a) The work must carry prominent notices stating that you modified
    203   + it, and giving a relevant date.
221 204
222       - ____b) The work must carry prominent notices stating that it is
223       - ____released under this License and any conditions added under section
224       - ____7.  This requirement modifies the requirement in section 4 to
225       - ____"keep intact all notices".
    205   + b) The work must carry prominent notices stating that it is
    206   + released under this License and any conditions added under section
    207   + 7.  This requirement modifies the requirement in section 4 to
    208   + "keep intact all notices".
```

```
- ____c) You must license the entire work, as a whole, under this
- ____License to anyone who comes into possession of a copy.  This
- ____License will therefore apply, along with any applicable section 7
- ____additional terms, to the whole of the work, and all its parts,
- ____regardless of how they are packaged.  This License gives no
- ____permission to license the work in any other way, but it does not
- ____invalidate such permission if you have separately received it.
+ c) You must license the entire work, as a whole, under this
+ License to anyone who comes into possession of a copy.  This
+ License will therefore apply, along with any applicable section 7
+ additional terms, to the whole of the work, and all its parts,
+ regardless of how they are packaged.  This License gives no
+ permission to license the work in any other way, but it does not
+ invalidate such permission if you have separately received it.

- ____d) If the work has interactive user interfaces, each must display
- ____Appropriate Legal Notices; however, if the Program has interactive
- ____interfaces that do not display Appropriate Legal Notices, your
- ____work need not make them do so.
+ d) If the work has interactive user interfaces, each must display
+ Appropriate Legal Notices; however, if the Program has interactive
+ interfaces that do not display Appropriate Legal Notices, your
+ work need not make them do so.

- __A compilation of a covered work with other separate and independent
+ A compilation of a covered work with other separate and independent
  works, which are not by their nature extensions of the covered work,
  and which are not combined with it such as to form a larger program,
  in or on a volume of a storage or distribution medium, is called an
  in an aggregate does not cause this License to apply to the other
  parts of the aggregate.

- __6. Conveying Non-Source Forms.
+ 6. Conveying Non-Source Forms.

- __You may convey a covered work in object code form under the terms
+ You may convey a covered work in object code form under the terms
  of sections 4 and 5, provided that you also convey the
  machine-readable Corresponding Source under the terms of this License,
  in one of these ways:

- ____a) Convey the object code in, or embodied in, a physical product
- ____(including a physical distribution medium), accompanied by the
- ____Corresponding Source fixed on a durable physical medium
- ____customarily used for software interchange.
-
- ____b) Convey the object code in, or embodied in, a physical product
- ____(including a physical distribution medium), accompanied by a
- ____written offer, valid for at least three years and valid for as
- ____long as you offer spare parts or customer support for that product
- ____model, to give anyone who possesses the object code either (1) a
- ____copy of the Corresponding Source for all the software in the
- ____product that is covered by this License, on a durable physical
- ____medium customarily used for software interchange, for a price no
- ____more than your reasonable cost of physically performing this
- ____conveying of source, or (2) access to copy the
- ____Corresponding Source from a network server at no charge.
-
- ____c) Convey individual copies of the object code with a copy of the
- ____written offer to provide the Corresponding Source.  This
- ____alternative is allowed only occasionally and noncommercially, and
- ____only if you received the object code with such an offer, in accord
```

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- ___with subsection 6b.
-
- ___d) Convey the object code by offering access from a designated
- ___place (gratis or for a charge), and offer equivalent access to the
- ___Corresponding Source in the same way through the same place at no
- ___further charge.  You need not require recipients to copy the
- ___Corresponding Source along with the object code.  If the place to
- ___copy the object code is a network server, the Corresponding Source
- ___may be on a different server (operated by you or a third party)
- ___that supports equivalent copying facilities, provided you maintain
- ___clear directions next to the object code saying where to find the
- ___Corresponding Source.  Regardless of what server hosts the
- ___Corresponding Source, you remain obligated to ensure that it is
- ___available for as long as needed to satisfy these requirements.
-
- ___e) Convey the object code using peer-to-peer transmission, provided
- ___you inform other peers where the object code and Corresponding
- ___Source of the work are being offered to the general public at no
- ___charge under subsection 6d.
-
- __A separable portion of the object code, whose source code is excluded
+ a) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by the
+ Corresponding Source fixed on a durable physical medium
+ customarily used for software interchange.
+
+ b) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by a
+ written offer, valid for at least three years and valid for as
+ long as you offer spare parts or customer support for that product
+ model, to give anyone who possesses the object code either (1) a
+ copy of the Corresponding Source for all the software in the
+ product that is covered by this License, on a durable physical
+ medium customarily used for software interchange, for a price no
+ more than your reasonable cost of physically performing this
+ conveying of source, or (2) access to copy the
+ Corresponding Source from a network server at no charge.
+
+ c) Convey individual copies of the object code with a copy of the
+ written offer to provide the Corresponding Source.  This
+ alternative is allowed only occasionally and noncommercially, and
+ only if you received the object code with such an offer, in accord
+ with subsection 6b.
+
+ d) Convey the object code by offering access from a designated
+ place (gratis or for a charge), and offer equivalent access to the
+ Corresponding Source in the same way through the same place at no
+ further charge.  You need not require recipients to copy the
+ Corresponding Source along with the object code.  If the place to
+ copy the object code is a network server, the Corresponding Source
+ may be on a different server (operated by you or a third party)
+ that supports equivalent copying facilities, provided you maintain
+ clear directions next to the object code saying where to find the
+ Corresponding Source.  Regardless of what server hosts the
+ Corresponding Source, you remain obligated to ensure that it is
+ available for as long as needed to satisfy these requirements.
+
+ e) Convey the object code using peer-to-peer transmission, provided
+ you inform other peers where the object code and Corresponding
+ Source of the work are being offered to the general public at no
+ charge under subsection 6d.
+
+ A separable portion of the object code, whose source code is excluded
```

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299 282   from the Corresponding Source as a System Library, need not be
300 283   included in conveying the object code work.
301 284
302     - __A "User Product" is either (1) a "consumer product", which means any
    285 + A "User Product" is either (1) a "consumer product", which means any
303 286   tangible personal property which is normally used for personal, family,
304 287   or household purposes, or (2) anything designed or sold for incorporation
305 288   into a dwelling.  In determining whether a product is a consumer product,
312 295   commercial, industrial or non-consumer uses, unless such uses represent
313 296   the only significant mode of use of the product.
314 297
315     - __"Installation Information" for a User Product means any methods,
    298 + "Installation Information" for a User Product means any methods,
316 299   procedures, authorization keys, or other information required to install
317 300   and execute modified versions of a covered work in that User Product from
318 301   a modified version of its Corresponding Source.  The information must
319 302   suffice to ensure that the continued functioning of the modified object
320 303   code is in no case prevented or interfered with solely because
321 304   modification has been made.
322 305
323     - __If you convey an object code work under this section in, or with, or
    306 + If you convey an object code work under this section in, or with, or
324 307   specifically for use in, a User Product, and the conveying occurs as
325 308   part of a transaction in which the right of possession and use of the
326 309   User Product is transferred to the recipient in perpetuity or for a
331 314   modified object code on the User Product (for example, the work has
332 315   been installed in ROM).
333 316
334     - __The requirement to provide Installation Information does not include a
    317 + The requirement to provide Installation Information does not include a
335 318   requirement to continue to provide support service, warranty, or updates
336 319   for a work that has been modified or installed by the recipient, or for
337 320   the User Product in which it has been modified or installed.  Access to a
338 321   network may be denied when the modification itself materially and
339 322   adversely affects the operation of the network or violates the rules and
340 323   protocols for communication across the network.
341 324
342     - __Corresponding Source conveyed, and Installation Information provided,
    325 + Corresponding Source conveyed, and Installation Information provided,
343 326   in accord with this section must be in a format that is publicly
344 327   documented (and with an implementation available to the public in
345 328   source code form), and must require no special password or key for
346 329   unpacking, reading or copying.
347 330
348     - __7. Additional Terms.
    331 + 7. Additional Terms.
349 332
350     - __"Additional permissions" are terms that supplement the terms of this
    333 + "Additional permissions" are terms that supplement the terms of this
351 334   License by making exceptions from one or more of its conditions.
352 335   Additional permissions that are applicable to the entire Program shall
353 336   be treated as though they were included in this License, to the extent
356 339   under those permissions, but the entire Program remains governed by
357 340   this License without regard to the additional permissions.
358 341
359     - __When you convey a copy of a covered work, you may at your option
    342 + When you convey a copy of a covered work, you may at your option
360 343   remove any additional permissions from that copy, or from any part of
361 344   it.  (Additional permissions may be written to require their own
362 345   removal in certain cases when you modify the work.)  You may place
363 346   additional permissions on material, added by you to a covered work,
364 347   for which you have or can give appropriate copyright permission.
365 348
```

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```
366   -  __Notwithstanding any other provision of this License, for material you
      349 + Notwithstanding any other provision of this License, for material you
367   350   add to a covered work, you may (if authorized by the copyright holders of
368   351   that material) supplement the terms of this License with terms:
369   352
370   -  ____a) Disclaiming warranty or limiting liability differently from the
371   -  ____terms of sections 15 and 16 of this License; or
      353 + a) Disclaiming warranty or limiting liability differently from the
      354 + terms of sections 15 and 16 of this License; or
372   355
373   -  ____b) Requiring preservation of specified reasonable legal notices or
374   -  ____author attributions in that material or in the Appropriate Legal
375   -  ____Notices displayed by works containing it; or
      356 + b) Requiring preservation of specified reasonable legal notices or
      357 + author attributions in that material or in the Appropriate Legal
      358 + Notices displayed by works containing it; or
376   359
377   -  ____c) Prohibiting misrepresentation of the origin of that material, or
378   -  ____requiring that modified versions of such material be marked in
379   -  ____reasonable ways as different from the original version; or
      360 + c) Prohibiting misrepresentation of the origin of that material, or
      361 + requiring that modified versions of such material be marked in
      362 + reasonable ways as different from the original version; or
380   363
381   -  ____d) Limiting the use for publicity purposes of names of licensors or
382   -  ____authors of the material; or
      364 + d) Limiting the use for publicity purposes of names of licensors or
      365 + authors of the material; or
383   366
384   -  ____e) Declining to grant rights under trademark law for use of some
385   -  ____trade names, trademarks, or service marks; or
      367 + e) Declining to grant rights under trademark law for use of some
      368 + trade names, trademarks, or service marks; or
386   369
387   -  ____f) Requiring indemnification of licensors and authors of that
388   -  ____material by anyone who conveys the material (or modified versions of
389   -  ____it) with contractual assumptions of liability to the recipient, for
390   -  ____any liability that these contractual assumptions directly impose on
391   -  ____those licensors and authors.
      370 + f) Requiring indemnification of licensors and authors of that
      371 + material by anyone who conveys the material (or modified versions of
      372 + it) with contractual assumptions of liability to the recipient, for
      373 + any liability that these contractual assumptions directly impose on
      374 + those licensors and authors.
392   375
393   -  __All other non-permissive additional terms are considered "further
      376 + All other non-permissive additional terms are considered "further
394   377   restrictions" within the meaning of section 10.  If the Program as you
395   378   received it, or any part of it, contains a notice stating that it is
396   -  governed by this License along with a term that is a further restriction,
397   -  you may remove that term.  If a license document contains a further
398   -  restriction but permits relicensing or conveying under this License, you
399   -  may add to a covered work material governed by the terms of that license
400   -  document, provided that the further restriction does not survive such
401   -  relicensing or conveying.
402   -
403   -  __If you add terms to a covered work in accord with this section, you
      379 + governed by this License along with a term that is a further
      380 + restriction, you may remove that term.  If a license document contains
      381 + a further restriction but permits relicensing or conveying under this
      382 + License, you may add to a covered work material governed by the terms
      383 + of that license document, provided that the further restriction does
      384 + not survive such relicensing or conveying.
```

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```
385 +
386 + If you add terms to a covered work in accord with this section, you
387   must place, in the relevant source files, a statement of the
388   additional terms that apply to those files, or a notice indicating
389   where to find the applicable terms.
390
408 -  Additional terms, permissive or non-permissive, may be stated in the
391 + Additional terms, permissive or non-permissive, may be stated in the
392   form of a separately written license, or stated as exceptions;
393   the above requirements apply either way.
394
412 -  8. Termination.
395 + 8. Termination.
396
414 -  You may not propagate or modify a covered work except as expressly
397 + You may not propagate or modify a covered work except as expressly
398   provided under this License.  Any attempt otherwise to propagate or
399   modify it is void, and will automatically terminate your rights under
400   this License (including any patent licenses granted under the third
401   paragraph of section 11).
402
420 -  However, if you cease all violation of this License, then your
403 + However, if you cease all violation of this License, then your
404   license from a particular copyright holder is reinstated (a)
405   provisionally, unless and until the copyright holder explicitly and
406   finally terminates your license, and (b) permanently, if the copyright
407   holder fails to notify you of the violation by some reasonable means
408   prior to 60 days after the cessation.
409
427 -  Moreover, your license from a particular copyright holder is
410 + Moreover, your license from a particular copyright holder is
411   reinstated permanently if the copyright holder notifies you of the
412   violation by some reasonable means, this is the first time you have
413   received notice of violation of this License (for any work) from that
414   copyright holder, and you cure the violation prior to 30 days after
415   your receipt of the notice.
416
434 -  Termination of your rights under this section does not terminate the
417 + Termination of your rights under this section does not terminate the
418   licenses of parties who have received copies or rights from you under
419   this License.  If your rights have been terminated and not permanently
420   reinstated, you do not qualify to receive new licenses for the same
421   material under section 10.
422
440 -  9. Acceptance Not Required for Having Copies.
423 + 9. Acceptance Not Required for Having Copies.
424
442 -  You are not required to accept this License in order to receive or
425 + You are not required to accept this License in order to receive or
426   run a copy of the Program.  Ancillary propagation of a covered work
427   occurring solely as a consequence of using peer-to-peer transmission
428   to receive a copy likewise does not require acceptance.  However,
431   not accept this License.  Therefore, by modifying or propagating a
432   covered work, you indicate your acceptance of this License to do so.
433
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457 440
458     - __An "entity transaction" is a transaction transferring control of an
        441 + An "entity transaction" is a transaction transferring control of an
459 442   organization, or substantially all assets of one, or subdividing an
460 443   organization, or merging organizations.  If propagation of a covered
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        480 + In the following three paragraphs, a "patent license" is any express
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-  17. Interpretation of Sections 15 and 16.
+ 17. Interpretation of Sections 15 and 16.
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674  657
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28   12   cooperation with the community in the case of network server software.
29   13
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+ A "covered work" means either the unmodified Program or a work based
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+ 1. Source Code.

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+ The "source code" for a work means the preferred form of the work
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  (if any) on which the executable work runs, or a compiler used to
  produce the work, or an object code interpreter used to run it.
```

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```
138  121
139       - __The "Corresponding Source" for a work in object code form means all
          122 + The "Corresponding Source" for a work in object code form means all
140  123    the source code needed to generate, install, and (for an executable
141  124    work) run the object code and to modify the work, including scripts to
142  125    control those activities.  However, it does not include the work's
149  132    such as by intimate data communication or control flow between those
150  133    subprograms and other parts of the work.
151  134
152       - __The Corresponding Source need not include anything that users
          135 + The Corresponding Source need not include anything that users
153  136    can regenerate automatically from other parts of the Corresponding
154  137    Source.
155  138
156       - __The Corresponding Source for a work in source code form is that
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183  166
184       - __3. Protecting Users' Legal Rights From Anti-Circumvention Law.
          167 + 3. Protecting Users' Legal Rights From Anti-Circumvention Law.
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191  174
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199  182
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-     interfaces that do not display Appropriate Legal Notices, your
-     work need not make them do so.
+ d) If the work has interactive user interfaces, each must display
+ Appropriate Legal Notices; however, if the Program has interactive
+ interfaces that do not display Appropriate Legal Notices, your
+ work need not make them do so.
 
-  A compilation of a covered work with other separate and independent
+ A compilation of a covered work with other separate and independent
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works, which are not by their nature extensions of the covered work,
and which are not combined with it such as to form a larger program,
in or on a volume of a storage or distribution medium, is called an
in an aggregate does not cause this License to apply to the other
parts of the aggregate.

- __6. Conveying Non-Source Forms.
+ 6. Conveying Non-Source Forms.

- __You may convey a covered work in object code form under the terms
+ You may convey a covered work in object code form under the terms
of sections 4 and 5, provided that you also convey the
machine-readable Corresponding Source under the terms of this License,
in one of these ways:

- ____a) Convey the object code in, or embodied in, a physical product
- ____(including a physical distribution medium), accompanied by the
- ____Corresponding Source fixed on a durable physical medium
- ____customarily used for software interchange.
-
- ____b) Convey the object code in, or embodied in, a physical product
- ____(including a physical distribution medium), accompanied by a
- ____written offer, valid for at least three years and valid for as
- ____long as you offer spare parts or customer support for that product
- ____model, to give anyone who possesses the object code either (1) a
- ____copy of the Corresponding Source for all the software in the
- ____product that is covered by this License, on a durable physical
- ____medium customarily used for software interchange, for a price no
- ____more than your reasonable cost of physically performing this
- ____conveying of source, or (2) access to copy the
- ____Corresponding Source from a network server at no charge.
-
- ____c) Convey individual copies of the object code with a copy of the
- ____written offer to provide the Corresponding Source.  This
- ____alternative is allowed only occasionally and noncommercially, and
- ____only if you received the object code with such an offer, in accord
- ____with subsection 6b.
-
- ____d) Convey the object code by offering access from a designated
- ____place (gratis or for a charge), and offer equivalent access to the
- ____Corresponding Source in the same way through the same place at no
- ____further charge.  You need not require recipients to copy the
- ____Corresponding Source along with the object code.  If the place to
- ____copy the object code is a network server, the Corresponding Source
- ____may be on a different server (operated by you or a third party)
- ____that supports equivalent copying facilities, provided you maintain
- ____clear directions next to the object code saying where to find the
- ____Corresponding Source.  Regardless of what server hosts the
- ____Corresponding Source, you remain obligated to ensure that it is
- ____available for as long as needed to satisfy these requirements.
-
- ____e) Convey the object code using peer-to-peer transmission, provided
- ____you inform other peers where the object code and Corresponding
- ____Source of the work are being offered to the general public at no
- ____charge under subsection 6d.
-
- __A separable portion of the object code, whose source code is excluded
+ a) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by the
+ Corresponding Source fixed on a durable physical medium
+ customarily used for software interchange.
+
+ b) Convey the object code in, or embodied in, a physical product
```

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```
+ (including a physical distribution medium), accompanied by a
+ written offer, valid for at least three years and valid for as
+ long as you offer spare parts or customer support for that product
+ model, to give anyone who possesses the object code either (1) a
+ copy of the Corresponding Source for all the software in the
+ product that is covered by this License, on a durable physical
+ medium customarily used for software interchange, for a price no
+ more than your reasonable cost of physically performing this
+ conveying of source, or (2) access to copy the
+ Corresponding Source from a network server at no charge.
+
+ c) Convey individual copies of the object code with a copy of the
+ written offer to provide the Corresponding Source.  This
+ alternative is allowed only occasionally and noncommercially, and
+ only if you received the object code with such an offer, in accord
+ with subsection 6b.
+
+ d) Convey the object code by offering access from a designated
+ place (gratis or for a charge), and offer equivalent access to the
+ Corresponding Source in the same way through the same place at no
+ further charge.  You need not require recipients to copy the
+ Corresponding Source along with the object code.  If the place to
+ copy the object code is a network server, the Corresponding Source
+ may be on a different server (operated by you or a third party)
+ that supports equivalent copying facilities, provided you maintain
+ clear directions next to the object code saying where to find the
+ Corresponding Source.  Regardless of what server hosts the
+ Corresponding Source, you remain obligated to ensure that it is
+ available for as long as needed to satisfy these requirements.
+
+ e) Convey the object code using peer-to-peer transmission, provided
+ you inform other peers where the object code and Corresponding
+ Source of the work are being offered to the general public at no
+ charge under subsection 6d.
+
+ A separable portion of the object code, whose source code is excluded
  from the Corresponding Source as a System Library, need not be
  included in conveying the object code work.

- __A "User Product" is either (1) a "consumer product", which means any
+ A "User Product" is either (1) a "consumer product", which means any
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+ "Installation Information" for a User Product means any methods,
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  code is in no case prevented or interfered with solely because
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- __If you convey an object code work under this section in, or with, or
+ If you convey an object code work under this section in, or with, or
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  modified object code on the User Product (for example, the work has
  been installed in ROM).
```

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-  __The requirement to provide Installation Information does not include a
+ The requirement to provide Installation Information does not include a
   requirement to continue to provide support service, warranty, or updates
   for a work that has been modified or installed by the recipient, or for
   the User Product in which it has been modified or installed.  Access to a
   network may be denied when the modification itself materially and
   adversely affects the operation of the network or violates the rules and
   protocols for communication across the network.

-  __Corresponding Source conveyed, and Installation Information provided,
+ Corresponding Source conveyed, and Installation Information provided,
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+ 7. Additional Terms.

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+ 17. Interpretation of Sections 15 and 16.

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+ To do so, attach the following notices to the program.  It is safest
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- ____<one line to give the program's name and a brief idea of what it does.>
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632  + <one line to give the program's name and a brief idea of what it does.>
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664  647
665  648    Also add information on how to contact you by electronic and paper mail.
666  649
667      - __If your software can interact with users remotely through a computer
650  + If your software can interact with users remotely through a computer
668  651    network, you should also make sure that it provides a way for users to
669  652    get its source.  For example, if your program is a web application, its
670  653    interface could display a "Source" link that leads users to an archive
671  654    of the code.  There are many ways you could offer source, and different
672  655    solutions will be better for different programs; see section 13 for the
673  656    specific requirements.
674  657
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692      - notice or attribution required by the License must also include
693      - this Commons Cause License Condition notice.
661  + <https://www.gnu.org/licenses/>.
```

▾ 486 enterprise/metrics/LICENSE.txt

```
...  ...  @@ -1,51 +1,35 @@
1        - NOTICE
```

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```
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-
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-                             Preamble
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+ software and other kinds of works, specifically designed to ensure
   cooperation with the community in the case of network server software.

- __The licenses for most software and other practical works are
- designed to take away your freedom to share and change the works.  By
- contrast, our General Public Licenses are intended to guarantee your
- freedom to share and change all versions of a program--to make sure it
- remains free software for all its users.
+ The licenses for most software and other practical works are designed
+ to take away your freedom to share and change the works.  By contrast,
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+ When we speak of free software, we are referring to freedom, not
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+ Developers that use our General Public Licenses protect your rights
   with two steps: (1) assert copyright on the software, and (2) offer
   you this License which gives you legal permission to copy, distribute
   and/or modify the software.

- __A secondary benefit of defending all users' freedom is that
+ A secondary benefit of defending all users' freedom is that
```

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```
33  33    improvements made in alternate versions of the program, if they
34  34    receive widespread use, become available for other developers to
35  35    incorporate.  Many developers of free software are heartened and
39  39    letting the public access it on a server without ever releasing its
40  40    source code to the public.
41  41
58      - __The GNU Affero General Public License is designed specifically to
    42  + The GNU Affero General Public License is designed specifically to
43  43    ensure that, in such cases, the modified source code becomes available
44  44    to the community.  It requires the operator of a network server to
45  45    provide the source code of the modified version running there to the
46  46    users of that server.  Therefore, public use of a modified version, on
47  47    a publicly accessible server, gives the public access to the source
48  48    code of the modified version.
49  49
66      - __An older license, called the Affero General Public License and
    50  + An older license, called the Affero General Public License and
51  51    published by Affero, was designed to accomplish similar goals.  This is
52  52    a different license, not a version of the Affero GPL, but Affero has
53  53    released a new version of the Affero GPL which permits relicensing under
54  54    this license.
55  55
72      - __The precise terms and conditions for copying, distribution and
    56  + The precise terms and conditions for copying, distribution and
57  57    modification follow.
58  58
75      -                       TERMS AND CONDITIONS
    59  + TERMS AND CONDITIONS
    60  +
    61  + 0. Definitions.
62  62
77      -   0. Definitions.
    63  + "This License" refers to version 3 of the GNU Affero General Public License.
64  64
79      -   "This License" refers to version 3 of the GNU Affero General Public
80      - License.
    65  + "Copyright" also means copyright-like laws that apply to other kinds of
    66  + works, such as semiconductor masks.
67  67
82      -   "Copyright" also means copyright-like laws that apply to other kinds
83      - of works, such as semiconductor masks.
84      -
85      -   "The Program" refers to any copyrightable work licensed under this
    68  + "The Program" refers to any copyrightable work licensed under this
69  69    License.  Each licensee is addressed as "you".  "Licensees" and
70  70    "recipients" may be individuals or organizations.
71  71
89      - __To "modify" a work means to copy from or adapt all or part of the work
    72  + To "modify" a work means to copy from or adapt all or part of the work
73  73    in a fashion requiring copyright permission, other than the making of an
74  74    exact copy.  The resulting work is called a "modified version" of the
75  75    earlier work or a work "based on" the earlier work.
76  76
94      - __A "covered work" means either the unmodified Program or a work based
    77  + A "covered work" means either the unmodified Program or a work based
78  78    on the Program.
79  79
97      - __To "propagate" a work means to do anything with it that, without
    80  + To "propagate" a work means to do anything with it that, without
81  81    permission, would make you directly or secondarily liable for
82  82    infringement under applicable copyright law, except executing it on a
83  83    computer or modifying a private copy.  Propagation includes copying,
84  84    distribution (with or without modification), making available to the
```

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public, and in some countries other activities as well.

- __To "convey" a work means any kind of propagation that enables other
+ To "convey" a work means any kind of propagation that enables other
parties to make or receive copies.  Mere interaction with a user through
a computer network, with no transfer of a copy, is not conveying.

- __An interactive user interface displays "Appropriate Legal Notices"
+ An interactive user interface displays "Appropriate Legal Notices"
to the extent that it includes a convenient and prominently visible
feature that (1) displays an appropriate copyright notice, and (2)
tells the user that there is no warranty for the work (except to the
the interface presents a list of user commands or options, such as a
menu, a prominent item in the list meets this criterion.

- __1. Source Code.
+ 1. Source Code.

- __The "source code" for a work means the preferred form of the work
+ The "source code" for a work means the preferred form of the work
for making modifications to it.  "Object code" means any non-source
form of a work.

- __A "Standard Interface" means an interface that either is an official
+ A "Standard Interface" means an interface that either is an official
standard defined by a recognized standards body, or, in the case of
interfaces specified for a particular programming language, one that
is widely used among developers working in that language.

- __The "System Libraries" of an executable work include anything, other
+ The "System Libraries" of an executable work include anything, other
than the work as a whole, that (a) is included in the normal form of
packaging a Major Component, but which is not part of that Major
Component, and (b) serves only to enable use of the work with that
(if any) on which the executable work runs, or a compiler used to
produce the work, or an object code interpreter used to run it.

- __The "Corresponding Source" for a work in object code form means all
+ The "Corresponding Source" for a work in object code form means all
the source code needed to generate, install, and (for an executable
work) run the object code and to modify the work, including scripts to
control those activities.  However, it does not include the work's
such as by intimate data communication or control flow between those
subprograms and other parts of the work.

- __The Corresponding Source need not include anything that users
+ The Corresponding Source need not include anything that users
can regenerate automatically from other parts of the Corresponding
Source.

- __The Corresponding Source for a work in source code form is that
+ The Corresponding Source for a work in source code form is that
same work.

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+ 2. Basic Permissions.

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+ All rights granted under this License are granted for the term of
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permission to run the unmodified Program.  The output from running a
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166 149   content, constitutes a covered work.  This License acknowledges your
167 150   rights of fair use or other equivalent, as provided by copyright law.
168 151
169       - __You may make, run and propagate covered works that you do not
    152   + You may make, run and propagate covered works that you do not
170 153   convey, without conditions so long as your license otherwise remains
171 154   in force.  You may convey covered works to others for the sole purpose
172 155   of having them make modifications exclusively for you, or provide you
177 160   and control, on terms that prohibit them from making any copies of
178 161   your copyrighted material outside their relationship with you.
179 162
180       - __Conveying under any other circumstances is permitted solely under
    163   + Conveying under any other circumstances is permitted solely under
181 164   the conditions stated below.  Sublicensing is not allowed; section 10
182 165   makes it unnecessary.
183 166
184       - __3. Protecting Users' Legal Rights From Anti-Circumvention Law.
    167   + 3. Protecting Users' Legal Rights From Anti-Circumvention Law.
185 168
186       - __No covered work shall be deemed part of an effective technological
    169   + No covered work shall be deemed part of an effective technological
187 170   measure under any applicable law fulfilling obligations under article
188 171   11 of the WIPO copyright treaty adopted on 20 December 1996, or
189 172   similar laws prohibiting or restricting circumvention of such
190 173   measures.
191 174
192       - __When you convey a covered work, you waive any legal power to forbid
    175   + When you convey a covered work, you waive any legal power to forbid
193 176   circumvention of technological measures to the extent such circumvention
194 177   is effected by exercising rights under this License with respect to
195 178   the covered work, and you disclaim any intention to limit operation or
196 179   modification of the work as a means of enforcing, against the work's
197 180   users, your or third parties' legal rights to forbid circumvention of
198 181   technological measures.
199 182
200       - __4. Conveying Verbatim Copies.
    183   + 4. Conveying Verbatim Copies.
201 184
202       - __You may convey verbatim copies of the Program's source code as you
    185   + You may convey verbatim copies of the Program's source code as you
203 186   receive it, in any medium, provided that you conspicuously and
204 187   appropriately publish on each copy an appropriate copyright notice;
205 188   keep intact all notices stating that this License and any
206 189   non-permissive terms added in accord with section 7 apply to the code;
207 190   keep intact all notices of the absence of any warranty; and give all
208 191   recipients a copy of this License along with the Program.
209 192
210       - __You may charge any price or no price for each copy that you convey,
    193   + You may charge any price or no price for each copy that you convey,
211 194   and you may offer support or warranty protection for a fee.
212 195
213       - __5. Conveying Modified Source Versions.
    196   + 5. Conveying Modified Source Versions.
214 197
215       - __You may convey a work based on the Program, or the modifications to
    198   + You may convey a work based on the Program, or the modifications to
216 199   produce it from the Program, in the form of source code under the
217 200   terms of section 4, provided that you also meet all of these conditions:
218 201
219       - ____a) The work must carry prominent notices stating that you modified
220       - ____it, and giving a relevant date.
    202   + a) The work must carry prominent notices stating that you modified
    203   + it, and giving a relevant date.
```

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```
-    b) The work must carry prominent notices stating that it is
-    released under this License and any conditions added under section
-    7.  This requirement modifies the requirement in section 4 to
-    "keep intact all notices".
+ b) The work must carry prominent notices stating that it is
+ released under this License and any conditions added under section
+ 7.  This requirement modifies the requirement in section 4 to
+ "keep intact all notices".

-    c) You must license the entire work, as a whole, under this
-    License to anyone who comes into possession of a copy.  This
-    License will therefore apply, along with any applicable section 7
-    additional terms, to the whole of the work, and all its parts,
-    regardless of how they are packaged.  This License gives no
-    permission to license the work in any other way, but it does not
-    invalidate such permission if you have separately received it.
+ c) You must license the entire work, as a whole, under this
+ License to anyone who comes into possession of a copy.  This
+ License will therefore apply, along with any applicable section 7
+ additional terms, to the whole of the work, and all its parts,
+ regardless of how they are packaged.  This License gives no
+ permission to license the work in any other way, but it does not
+ invalidate such permission if you have separately received it.

-    d) If the work has interactive user interfaces, each must display
-    Appropriate Legal Notices; however, if the Program has interactive
-    interfaces that do not display Appropriate Legal Notices, your
-    work need not make them do so.
+ d) If the work has interactive user interfaces, each must display
+ Appropriate Legal Notices; however, if the Program has interactive
+ interfaces that do not display Appropriate Legal Notices, your
+ work need not make them do so.

-  A compilation of a covered work with other separate and independent
+ A compilation of a covered work with other separate and independent
  works, which are not by their nature extensions of the covered work,
  and which are not combined with it such as to form a larger program,
  in or on a volume of a storage or distribution medium, is called an
  in an aggregate does not cause this License to apply to the other
  parts of the aggregate.

-  6. Conveying Non-Source Forms.
+ 6. Conveying Non-Source Forms.

-  You may convey a covered work in object code form under the terms
+ You may convey a covered work in object code form under the terms
  of sections 4 and 5, provided that you also convey the
  machine-readable Corresponding Source under the terms of this License,
  in one of these ways:

-    a) Convey the object code in, or embodied in, a physical product
-    (including a physical distribution medium), accompanied by the
-    Corresponding Source fixed on a durable physical medium
-    customarily used for software interchange.
-
-    b) Convey the object code in, or embodied in, a physical product
-    (including a physical distribution medium), accompanied by a
-    written offer, valid for at least three years and valid for as
-    long as you offer spare parts or customer support for that product
-    model, to give anyone who possesses the object code either (1) a
-    copy of the Corresponding Source for all the software in the
-    product that is covered by this License, on a durable physical
```

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```
- ____medium customarily used for software interchange, for a price no
- ____more than your reasonable cost of physically performing this
- ____conveying of source, or (2) access to copy the
- ____Corresponding Source from a network server at no charge.
-
- ____c) Convey individual copies of the object code with a copy of the
- ____written offer to provide the Corresponding Source.  This
- ____alternative is allowed only occasionally and noncommercially, and
- ____only if you received the object code with such an offer, in accord
- ____with subsection 6b.
-
- ____d) Convey the object code by offering access from a designated
- ____place (gratis or for a charge), and offer equivalent access to the
- ____Corresponding Source in the same way through the same place at no
- ____further charge.  You need not require recipients to copy the
- ____Corresponding Source along with the object code.  If the place to
- ____copy the object code is a network server, the Corresponding Source
- ____may be on a different server (operated by you or a third party)
- ____that supports equivalent copying facilities, provided you maintain
- ____clear directions next to the object code saying where to find the
- ____Corresponding Source.  Regardless of what server hosts the
- ____Corresponding Source, you remain obligated to ensure that it is
- ____available for as long as needed to satisfy these requirements.
-
- ____e) Convey the object code using peer-to-peer transmission, provided
- ____you inform other peers where the object code and Corresponding
- ____Source of the work are being offered to the general public at no
- ____charge under subsection 6d.
-
- __A separable portion of the object code, whose source code is excluded
+ a) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by the
+ Corresponding Source fixed on a durable physical medium
+ customarily used for software interchange.
+
+ b) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by a
+ written offer, valid for at least three years and valid for as
+ long as you offer spare parts or customer support for that product
+ model, to give anyone who possesses the object code either (1) a
+ copy of the Corresponding Source for all the software in the
+ product that is covered by this License, on a durable physical
+ medium customarily used for software interchange, for a price no
+ more than your reasonable cost of physically performing this
+ conveying of source, or (2) access to copy the
+ Corresponding Source from a network server at no charge.
+
+ c) Convey individual copies of the object code with a copy of the
+ written offer to provide the Corresponding Source.  This
+ alternative is allowed only occasionally and noncommercially, and
+ only if you received the object code with such an offer, in accord
+ with subsection 6b.
+
+ d) Convey the object code by offering access from a designated
+ place (gratis or for a charge), and offer equivalent access to the
+ Corresponding Source in the same way through the same place at no
+ further charge.  You need not require recipients to copy the
+ Corresponding Source along with the object code.  If the place to
+ copy the object code is a network server, the Corresponding Source
+ may be on a different server (operated by you or a third party)
+ that supports equivalent copying facilities, provided you maintain
+ clear directions next to the object code saying where to find the
+ Corresponding Source.  Regardless of what server hosts the
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```
+ Corresponding Source, you remain obligated to ensure that it is
+ available for as long as needed to satisfy these requirements.
+
+ e) Convey the object code using peer-to-peer transmission, provided
+ you inform other peers where the object code and Corresponding
+ Source of the work are being offered to the general public at no
+ charge under subsection 6d.
+
+ A separable portion of the object code, whose source code is excluded
  from the Corresponding Source as a System Library, need not be
  included in conveying the object code work.

- __A "User Product" is either (1) a "consumer product", which means any
+ A "User Product" is either (1) a "consumer product", which means any
  tangible personal property which is normally used for personal, family,
  or household purposes, or (2) anything designed or sold for incorporation
  into a dwelling.  In determining whether a product is a consumer product,
  commercial, industrial or non-consumer uses, unless such uses represent
  the only significant mode of use of the product.

- __"Installation Information" for a User Product means any methods,
+ "Installation Information" for a User Product means any methods,
  procedures, authorization keys, or other information required to install
  and execute modified versions of a covered work in that User Product from
  a modified version of its Corresponding Source.  The information must
  suffice to ensure that the continued functioning of the modified object
  code is in no case prevented or interfered with solely because
  modification has been made.

- __If you convey an object code work under this section in, or with, or
+ If you convey an object code work under this section in, or with, or
  specifically for use in, a User Product, and the conveying occurs as
  part of a transaction in which the right of possession and use of the
  User Product is transferred to the recipient in perpetuity or for a
  modified object code on the User Product (for example, the work has
  been installed in ROM).

- __The requirement to provide Installation Information does not include a
+ The requirement to provide Installation Information does not include a
  requirement to continue to provide support service, warranty, or updates
  for a work that has been modified or installed by the recipient, or for
  the User Product in which it has been modified or installed.  Access to a
  network may be denied when the modification itself materially and
  adversely affects the operation of the network or violates the rules and
  protocols for communication across the network.

- __Corresponding Source conveyed, and Installation Information provided,
+ Corresponding Source conveyed, and Installation Information provided,
  in accord with this section must be in a format that is publicly
  documented (and with an implementation available to the public in
  source code form), and must require no special password or key for
  unpacking, reading or copying.

- __7. Additional Terms.
+ 7. Additional Terms.

- __"Additional permissions" are terms that supplement the terms of this
+ "Additional permissions" are terms that supplement the terms of this
  License by making exceptions from one or more of its conditions.
  Additional permissions that are applicable to the entire Program shall
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  this License without regard to the additional permissions.
```

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```
- __When you convey a copy of a covered work, you may at your option
+ When you convey a copy of a covered work, you may at your option
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+ a) Disclaiming warranty or limiting liability differently from the
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- ____Notices displayed by works containing it; or
+ b) Requiring preservation of specified reasonable legal notices or
+ author attributions in that material or in the Appropriate Legal
+ Notices displayed by works containing it; or

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```

```
- relicensing or conveying.
-
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+ License, you may add to a covered work material governed by the terms
+ of that license document, provided that the further restriction does
+ not survive such relicensing or conveying.
+
+ If you add terms to a covered work in accord with this section, you
  must place, in the relevant source files, a statement of the
  additional terms that apply to those files, or a notice indicating
  where to find the applicable terms.

- Additional terms, permissive or non-permissive, may be stated in the
+ Additional terms, permissive or non-permissive, may be stated in the
  form of a separately written license, or stated as exceptions;
  the above requirements apply either way.

- 8. Termination.
+ 8. Termination.

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+ You may not propagate or modify a covered work except as expressly
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+ However, if you cease all violation of this License, then your
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  holder fails to notify you of the violation by some reasonable means
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+ 9. Acceptance Not Required for Having Copies.

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  to receive a copy likewise does not require acceptance.  However,
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  covered work, you indicate your acceptance of this License to do so.
```

```
- __10. Automatic Licensing of Downstream Recipients.
+ 10. Automatic Licensing of Downstream Recipients.

- __Each time you convey a covered work, the recipient automatically
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+ 11. Patents.

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```
   country that you have reason to believe are valid.

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+ If, pursuant to or in connection with a single transaction or
   arrangement, you convey, or propagate by procuring conveyance of, a
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+ 12. No Surrender of Others' Freedom.

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625 608   SUCH DAMAGES.
626 609
627     - __17. Interpretation of Sections 15 and 16.
    610 + 17. Interpretation of Sections 15 and 16.
628 611
629     - __If the disclaimer of warranty and limitation of liability provided
    612 + If the disclaimer of warranty and limitation of liability provided
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631 614   reviewing courts shall apply local law that most closely approximates
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635 618
636     - _____________________END OF TERMS AND CONDITIONS
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637 620
638     - _____________How to Apply These Terms to Your New Programs
    621 + How to Apply These Terms to Your New Programs
639 622
640     - __If you develop a new program, and you want it to be of the greatest
    623 + If you develop a new program, and you want it to be of the greatest
641 624   possible use to the public, the best way to achieve this is to make it
642 625   free software which everyone can redistribute and change under these terms.
643 626
644     - __To do so, attach the following notices to the program.  It is safest
    627 + To do so, attach the following notices to the program.  It is safest
645 628   to attach them to the start of each source file to most effectively
646 629   state the exclusion of warranty; and each file should have at least
647 630   the "copyright" line and a pointer to where the full notice is found.
648 631
649     - ____<one line to give the program's name and a brief idea of what it does.>
650     - ____Copyright (C) <year>  <name of author>
    632 + <one line to give the program's name and a brief idea of what it does.>
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661 644
662     - ____You should have received a copy of the GNU Affero General Public License
663     - ____along with this program.  If not, see <http://www.gnu.org/licenses/>.
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    646 + along with this program.  If not, see <https://www.gnu.org/licenses/>.
664 647
665 648   Also add information on how to contact you by electronic and paper mail.
```

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```
666  649
667       - __If your software can interact with users remotely through a computer
     650  + If your software can interact with users remotely through a computer
668  651    network, you should also make sure that it provides a way for users to
669  652    get its source.  For example, if your program is a web application, its
670  653    interface could display a "Source" link that leads users to an archive
671  654    of the code.  There are many ways you could offer source, and different
672  655    solutions will be better for different programs; see section 13 for the
673  656    specific requirements.
674  657
675       - __You should also get your employer (if you work as a programmer) or school,
     658  + You should also get your employer (if you work as a programmer) or school,
676  659    if any, to sign a "copyright disclaimer" for the program, if necessary.
677  660    For more information on this, and how to apply and follow the GNU AGPL, see
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680       -
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692       - notice or attribution required by the License must also include
693       - this Commons Cause License Condition notice.
     661  + <https://www.gnu.org/licenses/>.
```

486 enterprise/neo4j-enterprise/LICENSE.txt

```
...  ...  @@ -1,51 +1,35 @@
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5    3
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+ The GNU Affero General Public License is designed specifically to
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-                       TERMS AND CONDITIONS
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```
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+
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  0. Definitions.
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  "Copyright" also means copyright-like laws that apply to other kinds
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- A "covered work" means either the unmodified Program or a work based
+ A "covered work" means either the unmodified Program or a work based
  on the Program.

- To "propagate" a work means to do anything with it that, without
+ To "propagate" a work means to do anything with it that, without
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+ 1. Source Code.

- The "source code" for a work means the preferred form of the work
+ The "source code" for a work means the preferred form of the work
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- A "Standard Interface" means an interface that either is an official
+ A "Standard Interface" means an interface that either is an official
  standard defined by a recognized standards body, or, in the case of
  interfaces specified for a particular programming language, one that
```

```
126 109   is widely used among developers working in that language.
127 110
128     - __The "System Libraries" of an executable work include anything, other
    111 + The "System Libraries" of an executable work include anything, other
129 112   than the work as a whole, that (a) is included in the normal form of
130 113   packaging a Major Component, but which is not part of that Major
131 114   Component, and (b) serves only to enable use of the work with that
136 119   (if any) on which the executable work runs, or a compiler used to
137 120   produce the work, or an object code interpreter used to run it.
138 121
139     - __The "Corresponding Source" for a work in object code form means all
    122 + The "Corresponding Source" for a work in object code form means all
140 123   the source code needed to generate, install, and (for an executable
141 124   work) run the object code and to modify the work, including scripts to
142 125   control those activities.  However, it does not include the work's
149 132   such as by intimate data communication or control flow between those
150 133   subprograms and other parts of the work.
151 134
152     - __The Corresponding Source need not include anything that users
    135 + The Corresponding Source need not include anything that users
153 136   can regenerate automatically from other parts of the Corresponding
154 137   Source.
155 138
156     - __The Corresponding Source for a work in source code form is that
    139 + The Corresponding Source for a work in source code form is that
157 140   same work.
158 141
159     - __2. Basic Permissions.
    142 + 2. Basic Permissions.
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161     - __All rights granted under this License are granted for the term of
    144 + All rights granted under this License are granted for the term of
162 145   copyright on the Program, and are irrevocable provided the stated
163 146   conditions are met.  This License explicitly affirms your unlimited
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165 148   covered work is covered by this License only if the output, given its
166 149   content, constitutes a covered work.  This License acknowledges your
167 150   rights of fair use or other equivalent, as provided by copyright law.
168 151
169     - __You may make, run and propagate covered works that you do not
    152 + You may make, run and propagate covered works that you do not
170 153   convey, without conditions so long as your license otherwise remains
171 154   in force.  You may convey covered works to others for the sole purpose
172 155   of having them make modifications exclusively for you, or provide you
177 160   and control, on terms that prohibit them from making any copies of
178 161   your copyrighted material outside their relationship with you.
179 162
180     - __Conveying under any other circumstances is permitted solely under
    163 + Conveying under any other circumstances is permitted solely under
181 164   the conditions stated below.  Sublicensing is not allowed; section 10
182 165   makes it unnecessary.
183 166
184     - __3. Protecting Users' Legal Rights From Anti-Circumvention Law.
    167 + 3. Protecting Users' Legal Rights From Anti-Circumvention Law.
185 168
186     - __No covered work shall be deemed part of an effective technological
    169 + No covered work shall be deemed part of an effective technological
187 170   measure under any applicable law fulfilling obligations under article
188 171   11 of the WIPO copyright treaty adopted on 20 December 1996, or
189 172   similar laws prohibiting or restricting circumvention of such
190 173   measures.
191 174
192     - __When you convey a covered work, you waive any legal power to forbid
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```
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+ 4. Conveying Verbatim Copies.

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+ You may charge any price or no price for each copy that you convey,
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+ 5. Conveying Modified Source Versions.

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+ a) The work must carry prominent notices stating that you modified
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+ invalidate such permission if you have separately received it.

- ____d) If the work has interactive user interfaces, each must display
- ____Appropriate Legal Notices; however, if the Program has interactive
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- ____interfaces that do not display Appropriate Legal Notices, your
- ____work need not make them do so.
+ d) If the work has interactive user interfaces, each must display
+ Appropriate Legal Notices; however, if the Program has interactive
+ interfaces that do not display Appropriate Legal Notices, your
+ work need not make them do so.

- __A compilation of a covered work with other separate and independent
+ A compilation of a covered work with other separate and independent
  works, which are not by their nature extensions of the covered work,
  and which are not combined with it such as to form a larger program,
  in or on a volume of a storage or distribution medium, is called an
  in an aggregate does not cause this License to apply to the other
  parts of the aggregate.

- __6. Conveying Non-Source Forms.
+ 6. Conveying Non-Source Forms.

- __You may convey a covered work in object code form under the terms
+ You may convey a covered work in object code form under the terms
  of sections 4 and 5, provided that you also convey the
  machine-readable Corresponding Source under the terms of this License,
  in one of these ways:

- ____a) Convey the object code in, or embodied in, a physical product
- ____(including a physical distribution medium), accompanied by the
- ____Corresponding Source fixed on a durable physical medium
- ____customarily used for software interchange.
-
- ____b) Convey the object code in, or embodied in, a physical product
- ____(including a physical distribution medium), accompanied by a
- ____written offer, valid for at least three years and valid for as
- ____long as you offer spare parts or customer support for that product
- ____model, to give anyone who possesses the object code either (1) a
- ____copy of the Corresponding Source for all the software in the
- ____product that is covered by this License, on a durable physical
- ____medium customarily used for software interchange, for a price no
- ____more than your reasonable cost of physically performing this
- ____conveying of source, or (2) access to copy the
- ____Corresponding Source from a network server at no charge.
-
- ____c) Convey individual copies of the object code with a copy of the
- ____written offer to provide the Corresponding Source.  This
- ____alternative is allowed only occasionally and noncommercially, and
- ____only if you received the object code with such an offer, in accord
- ____with subsection 6b.
-
- ____d) Convey the object code by offering access from a designated
- ____place (gratis or for a charge), and offer equivalent access to the
- ____Corresponding Source in the same way through the same place at no
- ____further charge.  You need not require recipients to copy the
- ____Corresponding Source along with the object code.  If the place to
- ____copy the object code is a network server, the Corresponding Source
- ____may be on a different server (operated by you or a third party)
- ____that supports equivalent copying facilities, provided you maintain
- ____clear directions next to the object code saying where to find the
- ____Corresponding Source.  Regardless of what server hosts the
- ____Corresponding Source, you remain obligated to ensure that it is
- ____available for as long as needed to satisfy these requirements.
-
- ____e) Convey the object code using peer-to-peer transmission, provided
- ____you inform other peers where the object code and Corresponding
- ____Source of the work are being offered to the general public at no
```

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```
- ___charge under subsection 6d.
-
- __A separable portion of the object code, whose source code is excluded
+ a) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by the
+ Corresponding Source fixed on a durable physical medium
+ customarily used for software interchange.
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+ b) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by a
+ written offer, valid for at least three years and valid for as
+ long as you offer spare parts or customer support for that product
+ model, to give anyone who possesses the object code either (1) a
+ copy of the Corresponding Source for all the software in the
+ product that is covered by this License, on a durable physical
+ medium customarily used for software interchange, for a price no
+ more than your reasonable cost of physically performing this
+ conveying of source, or (2) access to copy the
+ Corresponding Source from a network server at no charge.
+
+ c) Convey individual copies of the object code with a copy of the
+ written offer to provide the Corresponding Source.  This
+ alternative is allowed only occasionally and noncommercially, and
+ only if you received the object code with such an offer, in accord
+ with subsection 6b.
+
+ d) Convey the object code by offering access from a designated
+ place (gratis or for a charge), and offer equivalent access to the
+ Corresponding Source in the same way through the same place at no
+ further charge.  You need not require recipients to copy the
+ Corresponding Source along with the object code.  If the place to
+ copy the object code is a network server, the Corresponding Source
+ may be on a different server (operated by you or a third party)
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+ clear directions next to the object code saying where to find the
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+ Corresponding Source, you remain obligated to ensure that it is
+ available for as long as needed to satisfy these requirements.
+
+ e) Convey the object code using peer-to-peer transmission, provided
+ you inform other peers where the object code and Corresponding
+ Source of the work are being offered to the general public at no
+ charge under subsection 6d.
+
+ A separable portion of the object code, whose source code is excluded
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+ A "User Product" is either (1) a "consumer product", which means any
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+ "Installation Information" for a User Product means any methods,
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  suffice to ensure that the continued functioning of the modified object
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modification has been made.

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network may be denied when the modification itself materially and
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+ Corresponding Source conveyed, and Installation Information provided,
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+ 7. Additional Terms.

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459     + 11. Patents.
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545     - __12. No Surrender of Others' Freedom.
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665  648    Also add information on how to contact you by electronic and paper mail.
666  649
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     650  + If your software can interact with users remotely through a computer
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```
...   ...  @@ -1,51 +1,35 @@
1           - NOTICE
2           - This package contains software licensed under different
3           - licenses, please refer to the NOTICE.txt file for further
4           - information and LICENSES.txt for full license texts.
        1   + GNU AFFERO GENERAL PUBLIC LICENSE
        2   +   Version 3, 19 November 2007
5       3
6           - Neo4j Enterprise object code can be licensed independently from
7           - the source under separate commercial terms. Email inquiries can be
8           - directed to: licensing@neo4j.com. More information is also
9           - available at:https://neo4j.com/licensing/
        4   + Copyright (C) 2007 Free Software Foundation, Inc. <https://fsf.org/>
        5   + Everyone is permitted to copy and distribute verbatim copies
        6   + of this license document, but changing it is not allowed.
10      7
11          - The software ("Software") is developed and owned by Neo4j Sweden AB
12          - (referred to in this notice as “Neo4j”) and is subject to the terms
13          - of the GNU AFFERO GENERAL PUBLIC LICENSE Version 3, with the Commons Clause as follows:
        8   + Preamble
14      9
15          -
16          -
17          -                    GNU AFFERO GENERAL PUBLIC LICENSE
18          -                       Version 3, 19 November 2007
19          -
20          -  Copyright (C) 2007 Free Software Foundation, Inc. <http://fsf.org/>
21          -  Everyone is permitted to copy and distribute verbatim copies
22          -  of this license document, but changing it is not allowed.
23          -
24          -                            Preamble
25          -
26          -   The GNU Affero General Public License is a free, copyleft license
27          - for software and other kinds of works, specifically designed to ensure
        10  + The GNU Affero General Public License is a free, copyleft license for
        11  + software and other kinds of works, specifically designed to ensure
28      12    cooperation with the community in the case of network server software.
29      13
30          - __The licenses for most software and other practical works are
31          - designed to take away your freedom to share and change the works.  By
32          - contrast, our General Public Licenses are intended to guarantee your
33          - freedom to share and change all versions of a program--to make sure it
34          - remains free software for all its users.
        14  + The licenses for most software and other practical works are designed
        15  + to take away your freedom to share and change the works.  By contrast,
        16  + our General Public Licenses are intended to guarantee your freedom to
        17  + share and change all versions of a program--to make sure it remains free
        18  + software for all its users.
35      19
36          - __When we speak of free software, we are referring to freedom, not
        20  + When we speak of free software, we are referring to freedom, not
37      21    price.  Our General Public Licenses are designed to make sure that you
38      22    have the freedom to distribute copies of free software (and charge for
39      23    them if you wish), that you receive source code or can get it if you
40      24    want it, that you can change the software or use pieces of it in new
41      25    free programs, and that you know you can do these things.
```

```
@@ -26,7 +26,7 @@
-  Developers that use our General Public Licenses protect your rights
+ Developers that use our General Public Licenses protect your rights
  with two steps: (1) assert copyright on the software, and (2) offer
  you this License which gives you legal permission to copy, distribute
  and/or modify the software.

-  A secondary benefit of defending all users' freedom is that
+ A secondary benefit of defending all users' freedom is that
  improvements made in alternate versions of the program, if they
  receive widespread use, become available for other developers to
  incorporate.  Many developers of free software are heartened and
@@ -39,7 +39,7 @@
  letting the public access it on a server without ever releasing its
  source code to the public.

-  The GNU Affero General Public License is designed specifically to
+ The GNU Affero General Public License is designed specifically to
  ensure that, in such cases, the modified source code becomes available
  to the community.  It requires the operator of a network server to
  provide the source code of the modified version running there to the
@@ -50,7 +50,7 @@
  a publicly accessible server, gives the public access to the source
  code of the modified version.

-  An older license, called the Affero General Public License and
+ An older license, called the Affero General Public License and
  published by Affero, was designed to accomplish similar goals.  This is
  a different license, not a version of the Affero GPL, but Affero has
  released a new version of the Affero GPL which permits relicensing under
@@ -58,7 +58,7 @@
  this license.

-  The precise terms and conditions for copying, distribution and
+ The precise terms and conditions for copying, distribution and
  modification follow.

-                       TERMS AND CONDITIONS
+ TERMS AND CONDITIONS
+
+ 0. Definitions.

-  0. Definitions.
+ "This License" refers to version 3 of the GNU Affero General Public License.

-   "This License" refers to version 3 of the GNU Affero General Public
- License.
+ "Copyright" also means copyright-like laws that apply to other kinds of
+ works, such as semiconductor masks.

-   "Copyright" also means copyright-like laws that apply to other kinds
- of works, such as semiconductor masks.
-
-   "The Program" refers to any copyrightable work licensed under this
+ "The Program" refers to any copyrightable work licensed under this
  License.  Each licensee is addressed as "you".  "Licensees" and
  "recipients" may be individuals or organizations.

-  To "modify" a work means to copy from or adapt all or part of the work
+ To "modify" a work means to copy from or adapt all or part of the work
  in a fashion requiring copyright permission, other than the making of an
  exact copy.  The resulting work is called a "modified version" of the
  earlier work or a work "based on" the earlier work.

-  A "covered work" means either the unmodified Program or a work based
```

```
@@ -77,7 +77,7 @@
+ A "covered work" means either the unmodified Program or a work based
  on the Program.

-  To "propagate" a work means to do anything with it that, without
+ To "propagate" a work means to do anything with it that, without
  permission, would make you directly or secondarily liable for
  infringement under applicable copyright law, except executing it on a
  computer or modifying a private copy.  Propagation includes copying,
  distribution (with or without modification), making available to the
  public, and in some countries other activities as well.

-  To "convey" a work means any kind of propagation that enables other
+ To "convey" a work means any kind of propagation that enables other
  parties to make or receive copies.  Mere interaction with a user through
  a computer network, with no transfer of a copy, is not conveying.

-  An interactive user interface displays "Appropriate Legal Notices"
+ An interactive user interface displays "Appropriate Legal Notices"
  to the extent that it includes a convenient and prominently visible
  feature that (1) displays an appropriate copyright notice, and (2)
  tells the user that there is no warranty for the work (except to the
  the interface presents a list of user commands or options, such as a
  menu, a prominent item in the list meets this criterion.

-  1. Source Code.
+ 1. Source Code.

-  The "source code" for a work means the preferred form of the work
+ The "source code" for a work means the preferred form of the work
  for making modifications to it.  "Object code" means any non-source
  form of a work.

-  A "Standard Interface" means an interface that either is an official
+ A "Standard Interface" means an interface that either is an official
  standard defined by a recognized standards body, or, in the case of
  interfaces specified for a particular programming language, one that
  is widely used among developers working in that language.

-  The "System Libraries" of an executable work include anything, other
+ The "System Libraries" of an executable work include anything, other
  than the work as a whole, that (a) is included in the normal form of
  packaging a Major Component, but which is not part of that Major
  Component, and (b) serves only to enable use of the work with that
  (if any) on which the executable work runs, or a compiler used to
  produce the work, or an object code interpreter used to run it.

-  The "Corresponding Source" for a work in object code form means all
+ The "Corresponding Source" for a work in object code form means all
  the source code needed to generate, install, and (for an executable
  work) run the object code and to modify the work, including scripts to
  control those activities.  However, it does not include the work's
  such as by intimate data communication or control flow between those
  subprograms and other parts of the work.

-  The Corresponding Source need not include anything that users
+ The Corresponding Source need not include anything that users
  can regenerate automatically from other parts of the Corresponding
  Source.

-  The Corresponding Source for a work in source code form is that
+ The Corresponding Source for a work in source code form is that
  same work.
```

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```
- __2. Basic Permissions.
+ 2. Basic Permissions.

- __All rights granted under this License are granted for the term of
+ All rights granted under this License are granted for the term of
  copyright on the Program, and are irrevocable provided the stated
  conditions are met.  This License explicitly affirms your unlimited
  permission to run the unmodified Program.  The output from running a
  covered work is covered by this License only if the output, given its
  content, constitutes a covered work.  This License acknowledges your
  rights of fair use or other equivalent, as provided by copyright law.

- __You may make, run and propagate covered works that you do not
+ You may make, run and propagate covered works that you do not
  convey, without conditions so long as your license otherwise remains
  in force.  You may convey covered works to others for the sole purpose
  of having them make modifications exclusively for you, or provide you
  and control, on terms that prohibit them from making any copies of
  your copyrighted material outside their relationship with you.

- __Conveying under any other circumstances is permitted solely under
+ Conveying under any other circumstances is permitted solely under
  the conditions stated below.  Sublicensing is not allowed; section 10
  makes it unnecessary.

- __3. Protecting Users' Legal Rights From Anti-Circumvention Law.
+ 3. Protecting Users' Legal Rights From Anti-Circumvention Law.

- __No covered work shall be deemed part of an effective technological
+ No covered work shall be deemed part of an effective technological
  measure under any applicable law fulfilling obligations under article
  11 of the WIPO copyright treaty adopted on 20 December 1996, or
  similar laws prohibiting or restricting circumvention of such
  measures.

- __When you convey a covered work, you waive any legal power to forbid
+ When you convey a covered work, you waive any legal power to forbid
  circumvention of technological measures to the extent such circumvention
  is effected by exercising rights under this License with respect to
  the covered work, and you disclaim any intention to limit operation or
  modification of the work as a means of enforcing, against the work's
  users, your or third parties' legal rights to forbid circumvention of
  technological measures.

- __4. Conveying Verbatim Copies.
+ 4. Conveying Verbatim Copies.

- __You may convey verbatim copies of the Program's source code as you
+ You may convey verbatim copies of the Program's source code as you
  receive it, in any medium, provided that you conspicuously and
  appropriately publish on each copy an appropriate copyright notice;
  keep intact all notices stating that this License and any
  non-permissive terms added in accord with section 7 apply to the code;
  keep intact all notices of the absence of any warranty; and give all
  recipients a copy of this License along with the Program.

- __You may charge any price or no price for each copy that you convey,
+ You may charge any price or no price for each copy that you convey,
  and you may offer support or warranty protection for a fee.

- __5. Conveying Modified Source Versions.
+ 5. Conveying Modified Source Versions.
```

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```
- __You may convey a work based on the Program, or the modifications to
+ You may convey a work based on the Program, or the modifications to
  produce it from the Program, in the form of source code under the
  terms of section 4, provided that you also meet all of these conditions:

- ____a) The work must carry prominent notices stating that you modified
- ____it, and giving a relevant date.
+ a) The work must carry prominent notices stating that you modified
+ it, and giving a relevant date.

- ____b) The work must carry prominent notices stating that it is
- ____released under this License and any conditions added under section
- ____7.  This requirement modifies the requirement in section 4 to
- ____"keep intact all notices".
+ b) The work must carry prominent notices stating that it is
+ released under this License and any conditions added under section
+ 7.  This requirement modifies the requirement in section 4 to
+ "keep intact all notices".

- ____c) You must license the entire work, as a whole, under this
- ____License to anyone who comes into possession of a copy.  This
- ____License will therefore apply, along with any applicable section 7
- ____additional terms, to the whole of the work, and all its parts,
- ____regardless of how they are packaged.  This License gives no
- ____permission to license the work in any other way, but it does not
- ____invalidate such permission if you have separately received it.
+ c) You must license the entire work, as a whole, under this
+ License to anyone who comes into possession of a copy.  This
+ License will therefore apply, along with any applicable section 7
+ additional terms, to the whole of the work, and all its parts,
+ regardless of how they are packaged.  This License gives no
+ permission to license the work in any other way, but it does not
+ invalidate such permission if you have separately received it.

- ____d) If the work has interactive user interfaces, each must display
- ____Appropriate Legal Notices; however, if the Program has interactive
- ____interfaces that do not display Appropriate Legal Notices, your
- ____work need not make them do so.
+ d) If the work has interactive user interfaces, each must display
+ Appropriate Legal Notices; however, if the Program has interactive
+ interfaces that do not display Appropriate Legal Notices, your
+ work need not make them do so.

- __A compilation of a covered work with other separate and independent
+ A compilation of a covered work with other separate and independent
  works, which are not by their nature extensions of the covered work,
  and which are not combined with it such as to form a larger program,
  in or on a volume of a storage or distribution medium, is called an
  in an aggregate does not cause this License to apply to the other
  parts of the aggregate.

- __6. Conveying Non-Source Forms.
+ 6. Conveying Non-Source Forms.

- __You may convey a covered work in object code form under the terms
+ You may convey a covered work in object code form under the terms
  of sections 4 and 5, provided that you also convey the
  machine-readable Corresponding Source under the terms of this License,
  in one of these ways:

- ____a) Convey the object code in, or embodied in, a physical product
- ____(including a physical distribution medium), accompanied by the
- ____Corresponding Source fixed on a durable physical medium
```

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```
- ___customarily used for software interchange.
-
- ___b) Convey the object code in, or embodied in, a physical product
- ___(including a physical distribution medium), accompanied by a
- ___written offer, valid for at least three years and valid for as
- ___long as you offer spare parts or customer support for that product
- ___model, to give anyone who possesses the object code either (1) a
- ___copy of the Corresponding Source for all the software in the
- ___product that is covered by this License, on a durable physical
- ___medium customarily used for software interchange, for a price no
- ___more than your reasonable cost of physically performing this
- ___conveying of source, or (2) access to copy the
- ___Corresponding Source from a network server at no charge.
-
- ___c) Convey individual copies of the object code with a copy of the
- ___written offer to provide the Corresponding Source.  This
- ___alternative is allowed only occasionally and noncommercially, and
- ___only if you received the object code with such an offer, in accord
- ___with subsection 6b.
-
- ___d) Convey the object code by offering access from a designated
- ___place (gratis or for a charge), and offer equivalent access to the
- ___Corresponding Source in the same way through the same place at no
- ___further charge.  You need not require recipients to copy the
- ___Corresponding Source along with the object code.  If the place to
- ___copy the object code is a network server, the Corresponding Source
- ___may be on a different server (operated by you or a third party)
- ___that supports equivalent copying facilities, provided you maintain
- ___clear directions next to the object code saying where to find the
- ___Corresponding Source.  Regardless of what server hosts the
- ___Corresponding Source, you remain obligated to ensure that it is
- ___available for as long as needed to satisfy these requirements.
-
- ___e) Convey the object code using peer-to-peer transmission, provided
- ___you inform other peers where the object code and Corresponding
- ___Source of the work are being offered to the general public at no
- ___charge under subsection 6d.
-
- __A separable portion of the object code, whose source code is excluded
+ a) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by the
+ Corresponding Source fixed on a durable physical medium
+ customarily used for software interchange.
+
+ b) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by a
+ written offer, valid for at least three years and valid for as
+ long as you offer spare parts or customer support for that product
+ model, to give anyone who possesses the object code either (1) a
+ copy of the Corresponding Source for all the software in the
+ product that is covered by this License, on a durable physical
+ medium customarily used for software interchange, for a price no
+ more than your reasonable cost of physically performing this
+ conveying of source, or (2) access to copy the
+ Corresponding Source from a network server at no charge.
+
+ c) Convey individual copies of the object code with a copy of the
+ written offer to provide the Corresponding Source.  This
+ alternative is allowed only occasionally and noncommercially, and
+ only if you received the object code with such an offer, in accord
+ with subsection 6b.
+
+ d) Convey the object code by offering access from a designated
```

```
+ place (gratis or for a charge), and offer equivalent access to the
+ Corresponding Source in the same way through the same place at no
+ further charge.  You need not require recipients to copy the
+ Corresponding Source along with the object code.  If the place to
+ copy the object code is a network server, the Corresponding Source
+ may be on a different server (operated by you or a third party)
+ that supports equivalent copying facilities, provided you maintain
+ clear directions next to the object code saying where to find the
+ Corresponding Source.  Regardless of what server hosts the
+ Corresponding Source, you remain obligated to ensure that it is
+ available for as long as needed to satisfy these requirements.
+
+ e) Convey the object code using peer-to-peer transmission, provided
+ you inform other peers where the object code and Corresponding
+ Source of the work are being offered to the general public at no
+ charge under subsection 6d.
+
+ A separable portion of the object code, whose source code is excluded
  from the Corresponding Source as a System Library, need not be
  included in conveying the object code work.

- __A "User Product" is either (1) a "consumer product", which means any
+ A "User Product" is either (1) a "consumer product", which means any
  tangible personal property which is normally used for personal, family,
  or household purposes, or (2) anything designed or sold for incorporation
  into a dwelling.  In determining whether a product is a consumer product,
  commercial, industrial or non-consumer uses, unless such uses represent
  the only significant mode of use of the product.

- __"Installation Information" for a User Product means any methods,
+ "Installation Information" for a User Product means any methods,
  procedures, authorization keys, or other information required to install
  and execute modified versions of a covered work in that User Product from
  a modified version of its Corresponding Source.  The information must
  suffice to ensure that the continued functioning of the modified object
  code is in no case prevented or interfered with solely because
  modification has been made.

- __If you convey an object code work under this section in, or with, or
+ If you convey an object code work under this section in, or with, or
  specifically for use in, a User Product, and the conveying occurs as
  part of a transaction in which the right of possession and use of the
  User Product is transferred to the recipient in perpetuity or for a
  modified object code on the User Product (for example, the work has
  been installed in ROM).

- __The requirement to provide Installation Information does not include a
+ The requirement to provide Installation Information does not include a
  requirement to continue to provide support service, warranty, or updates
  for a work that has been modified or installed by the recipient, or for
  the User Product in which it has been modified or installed.  Access to a
  network may be denied when the modification itself materially and
  adversely affects the operation of the network or violates the rules and
  protocols for communication across the network.

- __Corresponding Source conveyed, and Installation Information provided,
+ Corresponding Source conveyed, and Installation Information provided,
  in accord with this section must be in a format that is publicly
  documented (and with an implementation available to the public in
  source code form), and must require no special password or key for
  unpacking, reading or copying.

- __7. Additional Terms.
```

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```
+ 7. Additional Terms.

- __"Additional permissions" are terms that supplement the terms of this
+ "Additional permissions" are terms that supplement the terms of this
  License by making exceptions from one or more of its conditions.
  Additional permissions that are applicable to the entire Program shall
  be treated as though they were included in this License, to the extent
  under those permissions, but the entire Program remains governed by
  this License without regard to the additional permissions.

- __When you convey a copy of a covered work, you may at your option
+ When you convey a copy of a covered work, you may at your option
  remove any additional permissions from that copy, or from any part of
  it.  (Additional permissions may be written to require their own
  removal in certain cases when you modify the work.)  You may place
  additional permissions on material, added by you to a covered work,
  for which you have or can give appropriate copyright permission.

- __Notwithstanding any other provision of this License, for material you
+ Notwithstanding any other provision of this License, for material you
  add to a covered work, you may (if authorized by the copyright holders of
  that material) supplement the terms of this License with terms:

- ____a) Disclaiming warranty or limiting liability differently from the
- ____terms of sections 15 and 16 of this License; or
+ a) Disclaiming warranty or limiting liability differently from the
+ terms of sections 15 and 16 of this License; or

- ____b) Requiring preservation of specified reasonable legal notices or
- ____author attributions in that material or in the Appropriate Legal
- ____Notices displayed by works containing it; or
+ b) Requiring preservation of specified reasonable legal notices or
+ author attributions in that material or in the Appropriate Legal
+ Notices displayed by works containing it; or

- ____c) Prohibiting misrepresentation of the origin of that material, or
- ____requiring that modified versions of such material be marked in
- ____reasonable ways as different from the original version; or
+ c) Prohibiting misrepresentation of the origin of that material, or
+ requiring that modified versions of such material be marked in
+ reasonable ways as different from the original version; or

- ____d) Limiting the use for publicity purposes of names of licensors or
- ____authors of the material; or
+ d) Limiting the use for publicity purposes of names of licensors or
+ authors of the material; or

- ____e) Declining to grant rights under trademark law for use of some
- ____trade names, trademarks, or service marks; or
+ e) Declining to grant rights under trademark law for use of some
+ trade names, trademarks, or service marks; or

- ____f) Requiring indemnification of licensors and authors of that
- ____material by anyone who conveys the material (or modified versions of
- ____it) with contractual assumptions of liability to the recipient, for
- ____any liability that these contractual assumptions directly impose on
- ____those licensors and authors.
+ f) Requiring indemnification of licensors and authors of that
+ material by anyone who conveys the material (or modified versions of
+ it) with contractual assumptions of liability to the recipient, for
+ any liability that these contractual assumptions directly impose on
+ those licensors and authors.

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```
- __All other non-permissive additional terms are considered "further
+ All other non-permissive additional terms are considered "further
  restrictions" within the meaning of section 10.  If the Program as you
  received it, or any part of it, contains a notice stating that it is
- governed by this License along with a term that is a further restriction,
- you may remove that term.  If a license document contains a further
- restriction but permits relicensing or conveying under this License, you
- may add to a covered work material governed by the terms of that license
- document, provided that the further restriction does not survive such
- relicensing or conveying.
-
- __If you add terms to a covered work in accord with this section, you
+ governed by this License along with a term that is a further
+ restriction, you may remove that term.  If a license document contains
+ a further restriction but permits relicensing or conveying under this
+ License, you may add to a covered work material governed by the terms
+ of that license document, provided that the further restriction does
+ not survive such relicensing or conveying.
+
+ If you add terms to a covered work in accord with this section, you
  must place, in the relevant source files, a statement of the
  additional terms that apply to those files, or a notice indicating
  where to find the applicable terms.

- __Additional terms, permissive or non-permissive, may be stated in the
+ Additional terms, permissive or non-permissive, may be stated in the
  form of a separately written license, or stated as exceptions;
  the above requirements apply either way.

- __8. Termination.
+ 8. Termination.

- __You may not propagate or modify a covered work except as expressly
+ You may not propagate or modify a covered work except as expressly
  provided under this License.  Any attempt otherwise to propagate or
  modify it is void, and will automatically terminate your rights under
  this License (including any patent licenses granted under the third
  paragraph of section 11).

- __However, if you cease all violation of this License, then your
+ However, if you cease all violation of this License, then your
  license from a particular copyright holder is reinstated (a)
  provisionally, unless and until the copyright holder explicitly and
  finally terminates your license, and (b) permanently, if the copyright
  holder fails to notify you of the violation by some reasonable means
  prior to 60 days after the cessation.

- __Moreover, your license from a particular copyright holder is
+ Moreover, your license from a particular copyright holder is
  reinstated permanently if the copyright holder notifies you of the
  violation by some reasonable means, this is the first time you have
  received notice of violation of this License (for any work) from that
  copyright holder, and you cure the violation prior to 30 days after
  your receipt of the notice.

- __Termination of your rights under this section does not terminate the
+ Termination of your rights under this section does not terminate the
  licenses of parties who have received copies or rights from you under
  this License.  If your rights have been terminated and not permanently
  reinstated, you do not qualify to receive new licenses for the same
  material under section 10.

- __9. Acceptance Not Required for Having Copies.
```

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```
423 + 9. Acceptance Not Required for Having Copies.
424
442 - __You are not required to accept this License in order to receive or
425 + You are not required to accept this License in order to receive or
426   run a copy of the Program.  Ancillary propagation of a covered work
427   occurring solely as a consequence of using peer-to-peer transmission
428   to receive a copy likewise does not require acceptance.  However,
431   not accept this License.  Therefore, by modifying or propagating a
432   covered work, you indicate your acceptance of this License to do so.
433
451 - __10. Automatic Licensing of Downstream Recipients.
434 + 10. Automatic Licensing of Downstream Recipients.
435
453 - __Each time you convey a covered work, the recipient automatically
436 + Each time you convey a covered work, the recipient automatically
437   receives a license from the original licensors, to run, modify and
438   propagate that work, subject to this License.  You are not responsible
439   for enforcing compliance by third parties with this License.
440
458 - __An "entity transaction" is a transaction transferring control of an
441 + An "entity transaction" is a transaction transferring control of an
442   organization, or substantially all assets of one, or subdividing an
443   organization, or merging organizations.  If propagation of a covered
444   work results from an entity transaction, each party to that
448   Corresponding Source of the work from the predecessor in interest, if
449   the predecessor has it or can get it with reasonable efforts.
450
468 - __You may not impose any further restrictions on the exercise of the
451 + You may not impose any further restrictions on the exercise of the
452   rights granted or affirmed under this License.  For example, you may
453   not impose a license fee, royalty, or other charge for exercise of
454   rights granted under this License, and you may not initiate litigation
455   (including a cross-claim or counterclaim in a lawsuit) alleging that
456   any patent claim is infringed by making, using, selling, offering for
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459 + 11. Patents.
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480 + In the following three paragraphs, a "patent license" is any express
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483   sue for patent infringement).  To "grant" such a patent license to a
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 484  484    party means to make such an agreement or commitment not to enforce a
 485  485    patent against the party.
 486  486
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 500  500
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      501    + If, pursuant to or in connection with a single transaction or
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+ 1. Source Code.
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+ The Corresponding Source need not include anything that users
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- ____conveying of source, or (2) access to copy the
- ____Corresponding Source from a network server at no charge.
-
- ____c) Convey individual copies of the object code with a copy of the
- ____written offer to provide the Corresponding Source.  This
- ____alternative is allowed only occasionally and noncommercially, and
- ____only if you received the object code with such an offer, in accord
- ____with subsection 6b.
-
- ____d) Convey the object code by offering access from a designated
- ____place (gratis or for a charge), and offer equivalent access to the
- ____Corresponding Source in the same way through the same place at no
- ____further charge.  You need not require recipients to copy the
- ____Corresponding Source along with the object code.  If the place to
- ____copy the object code is a network server, the Corresponding Source
- ____may be on a different server (operated by you or a third party)
```

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```
- ___that supports equivalent copying facilities, provided you maintain
- ___clear directions next to the object code saying where to find the
- ___Corresponding Source.  Regardless of what server hosts the
- ___Corresponding Source, you remain obligated to ensure that it is
- ___available for as long as needed to satisfy these requirements.
-
- ___e) Convey the object code using peer-to-peer transmission, provided
- ___you inform other peers where the object code and Corresponding
- ___Source of the work are being offered to the general public at no
- ___charge under subsection 6d.
-
- __A separable portion of the object code, whose source code is excluded
+ a) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by the
+ Corresponding Source fixed on a durable physical medium
+ customarily used for software interchange.
+
+ b) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by a
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+ long as you offer spare parts or customer support for that product
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+ medium customarily used for software interchange, for a price no
+ more than your reasonable cost of physically performing this
+ conveying of source, or (2) access to copy the
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+
+ c) Convey individual copies of the object code with a copy of the
+ written offer to provide the Corresponding Source.  This
+ alternative is allowed only occasionally and noncommercially, and
+ only if you received the object code with such an offer, in accord
+ with subsection 6b.
+
+ d) Convey the object code by offering access from a designated
+ place (gratis or for a charge), and offer equivalent access to the
+ Corresponding Source in the same way through the same place at no
+ further charge.  You need not require recipients to copy the
+ Corresponding Source along with the object code.  If the place to
+ copy the object code is a network server, the Corresponding Source
+ may be on a different server (operated by you or a third party)
+ that supports equivalent copying facilities, provided you maintain
+ clear directions next to the object code saying where to find the
+ Corresponding Source.  Regardless of what server hosts the
+ Corresponding Source, you remain obligated to ensure that it is
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+
+ e) Convey the object code using peer-to-peer transmission, provided
+ you inform other peers where the object code and Corresponding
+ Source of the work are being offered to the general public at no
+ charge under subsection 6d.
+
+ A separable portion of the object code, whose source code is excluded
  from the Corresponding Source as a System Library, need not be
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```

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```
313 296   the only significant mode of use of the product.
314 297
315     - __"Installation Information" for a User Product means any methods,
    298 + "Installation Information" for a User Product means any methods,
316 299   procedures, authorization keys, or other information required to install
317 300   and execute modified versions of a covered work in that User Product from
318 301   a modified version of its Corresponding Source.  The information must
319 302   suffice to ensure that the continued functioning of the modified object
320 303   code is in no case prevented or interfered with solely because
321 304   modification has been made.
322 305
323     - __If you convey an object code work under this section in, or with, or
    306 + If you convey an object code work under this section in, or with, or
324 307   specifically for use in, a User Product, and the conveying occurs as
325 308   part of a transaction in which the right of possession and use of the
326 309   User Product is transferred to the recipient in perpetuity or for a
331 314   modified object code on the User Product (for example, the work has
332 315   been installed in ROM).
333 316
334     - __The requirement to provide Installation Information does not include a
    317 + The requirement to provide Installation Information does not include a
335 318   requirement to continue to provide support service, warranty, or updates
336 319   for a work that has been modified or installed by the recipient, or for
337 320   the User Product in which it has been modified or installed.  Access to a
338 321   network may be denied when the modification itself materially and
339 322   adversely affects the operation of the network or violates the rules and
340 323   protocols for communication across the network.
341 324
342     - __Corresponding Source conveyed, and Installation Information provided,
    325 + Corresponding Source conveyed, and Installation Information provided,
343 326   in accord with this section must be in a format that is publicly
344 327   documented (and with an implementation available to the public in
345 328   source code form), and must require no special password or key for
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    331 + 7. Additional Terms.
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27          - for software and other kinds of works, specifically designed to ensure
      10    + The GNU Affero General Public License is a free, copyleft license for
      11    + software and other kinds of works, specifically designed to ensure
28    12      cooperation with the community in the case of network server software.
29    13
30          - __The licenses for most software and other practical works are
31          - designed to take away your freedom to share and change the works.  By
32          - contrast, our General Public Licenses are intended to guarantee your
33          - freedom to share and change all versions of a program--to make sure it
34          - remains free software for all its users.
      14    + The licenses for most software and other practical works are designed
      15    + to take away your freedom to share and change the works.  By contrast,
      16    + our General Public Licenses are intended to guarantee your freedom to
      17    + share and change all versions of a program--to make sure it remains free
```

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```
+ software for all its users.

-  When we speak of free software, we are referring to freedom, not
+ When we speak of free software, we are referring to freedom, not
  price.  Our General Public Licenses are designed to make sure that you
  have the freedom to distribute copies of free software (and charge for
  them if you wish), that you receive source code or can get it if you
  want it, that you can change the software or use pieces of it in new
  free programs, and that you know you can do these things.

-  Developers that use our General Public Licenses protect your rights
+ Developers that use our General Public Licenses protect your rights
  with two steps: (1) assert copyright on the software, and (2) offer
  you this License which gives you legal permission to copy, distribute
  and/or modify the software.

-  A secondary benefit of defending all users' freedom is that
+ A secondary benefit of defending all users' freedom is that
  improvements made in alternate versions of the program, if they
  receive widespread use, become available for other developers to
  incorporate.  Many developers of free software are heartened and
  letting the public access it on a server without ever releasing its
  source code to the public.

-  The GNU Affero General Public License is designed specifically to
+ The GNU Affero General Public License is designed specifically to
  ensure that, in such cases, the modified source code becomes available
  to the community.  It requires the operator of a network server to
  provide the source code of the modified version running there to the
  users of that server.  Therefore, public use of a modified version, on
  a publicly accessible server, gives the public access to the source
  code of the modified version.

-  An older license, called the Affero General Public License and
+ An older license, called the Affero General Public License and
  published by Affero, was designed to accomplish similar goals.  This is
  a different license, not a version of the Affero GPL, but Affero has
  released a new version of the Affero GPL which permits relicensing under
  this license.

-  The precise terms and conditions for copying, distribution and
+ The precise terms and conditions for copying, distribution and
  modification follow.

-                       TERMS AND CONDITIONS
+ TERMS AND CONDITIONS
+
+ 0. Definitions.

-  0. Definitions.
+ "This License" refers to version 3 of the GNU Affero General Public License.

-  "This License" refers to version 3 of the GNU Affero General Public
- License.
+ "Copyright" also means copyright-like laws that apply to other kinds of
+ works, such as semiconductor masks.

-  "Copyright" also means copyright-like laws that apply to other kinds
- of works, such as semiconductor masks.
-
-  "The Program" refers to any copyrightable work licensed under this
+ "The Program" refers to any copyrightable work licensed under this
  License.  Each licensee is addressed as "you".  "Licensees" and
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```
   "recipients" may be individuals or organizations.

- __To "modify" a work means to copy from or adapt all or part of the work
+ To "modify" a work means to copy from or adapt all or part of the work
   in a fashion requiring copyright permission, other than the making of an
   exact copy.  The resulting work is called a "modified version" of the
   earlier work or a work "based on" the earlier work.

- __A "covered work" means either the unmodified Program or a work based
+ A "covered work" means either the unmodified Program or a work based
   on the Program.

- __To "propagate" a work means to do anything with it that, without
+ To "propagate" a work means to do anything with it that, without
   permission, would make you directly or secondarily liable for
   infringement under applicable copyright law, except executing it on a
   computer or modifying a private copy.  Propagation includes copying,
   distribution (with or without modification), making available to the
   public, and in some countries other activities as well.

- __To "convey" a work means any kind of propagation that enables other
+ To "convey" a work means any kind of propagation that enables other
   parties to make or receive copies.  Mere interaction with a user through
   a computer network, with no transfer of a copy, is not conveying.

- __An interactive user interface displays "Appropriate Legal Notices"
+ An interactive user interface displays "Appropriate Legal Notices"
   to the extent that it includes a convenient and prominently visible
   feature that (1) displays an appropriate copyright notice, and (2)
   tells the user that there is no warranty for the work (except to the
   the interface presents a list of user commands or options, such as a
   menu, a prominent item in the list meets this criterion.

- __1. Source Code.
+ 1. Source Code.

- __The "source code" for a work means the preferred form of the work
+ The "source code" for a work means the preferred form of the work
   for making modifications to it.  "Object code" means any non-source
   form of a work.

- __A "Standard Interface" means an interface that either is an official
+ A "Standard Interface" means an interface that either is an official
   standard defined by a recognized standards body, or, in the case of
   interfaces specified for a particular programming language, one that
   is widely used among developers working in that language.

- __The "System Libraries" of an executable work include anything, other
+ The "System Libraries" of an executable work include anything, other
   than the work as a whole, that (a) is included in the normal form of
   packaging a Major Component, but which is not part of that Major
   Component, and (b) serves only to enable use of the work with that
   (if any) on which the executable work runs, or a compiler used to
   produce the work, or an object code interpreter used to run it.

- __The "Corresponding Source" for a work in object code form means all
+ The "Corresponding Source" for a work in object code form means all
   the source code needed to generate, install, and (for an executable
   work) run the object code and to modify the work, including scripts to
   control those activities.  However, it does not include the work's
   such as by intimate data communication or control flow between those
   subprograms and other parts of the work.
```

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```
- __The Corresponding Source need not include anything that users
+ The Corresponding Source need not include anything that users
  can regenerate automatically from other parts of the Corresponding
  Source.

- __The Corresponding Source for a work in source code form is that
+ The Corresponding Source for a work in source code form is that
  same work.

- __2. Basic Permissions.
+ 2. Basic Permissions.

- __All rights granted under this License are granted for the term of
+ All rights granted under this License are granted for the term of
  copyright on the Program, and are irrevocable provided the stated
  conditions are met.  This License explicitly affirms your unlimited
  permission to run the unmodified Program.  The output from running a
  covered work is covered by this License only if the output, given its
  content, constitutes a covered work.  This License acknowledges your
  rights of fair use or other equivalent, as provided by copyright law.

- __You may make, run and propagate covered works that you do not
+ You may make, run and propagate covered works that you do not
  convey, without conditions so long as your license otherwise remains
  in force.  You may convey covered works to others for the sole purpose
  of having them make modifications exclusively for you, or provide you
  and control, on terms that prohibit them from making any copies of
  your copyrighted material outside their relationship with you.

- __Conveying under any other circumstances is permitted solely under
+ Conveying under any other circumstances is permitted solely under
  the conditions stated below.  Sublicensing is not allowed; section 10
  makes it unnecessary.

- __3. Protecting Users' Legal Rights From Anti-Circumvention Law.
+ 3. Protecting Users' Legal Rights From Anti-Circumvention Law.

- __No covered work shall be deemed part of an effective technological
+ No covered work shall be deemed part of an effective technological
  measure under any applicable law fulfilling obligations under article
  11 of the WIPO copyright treaty adopted on 20 December 1996, or
  similar laws prohibiting or restricting circumvention of such
  measures.

- __When you convey a covered work, you waive any legal power to forbid
+ When you convey a covered work, you waive any legal power to forbid
  circumvention of technological measures to the extent such circumvention
  is effected by exercising rights under this License with respect to
  the covered work, and you disclaim any intention to limit operation or
  modification of the work as a means of enforcing, against the work's
  users, your or third parties' legal rights to forbid circumvention of
  technological measures.

- __4. Conveying Verbatim Copies.
+ 4. Conveying Verbatim Copies.

- __You may convey verbatim copies of the Program's source code as you
+ You may convey verbatim copies of the Program's source code as you
  receive it, in any medium, provided that you conspicuously and
  appropriately publish on each copy an appropriate copyright notice;
  keep intact all notices stating that this License and any
  non-permissive terms added in accord with section 7 apply to the code;
  keep intact all notices of the absence of any warranty; and give all
```

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```
208 191   recipients a copy of this License along with the Program.
209 192
210       - __You may charge any price or no price for each copy that you convey,
    193   + You may charge any price or no price for each copy that you convey,
211 194   and you may offer support or warranty protection for a fee.
212 195
213       - __5. Conveying Modified Source Versions.
    196   + 5. Conveying Modified Source Versions.
214 197
215       - __You may convey a work based on the Program, or the modifications to
    198   + You may convey a work based on the Program, or the modifications to
216 199   produce it from the Program, in the form of source code under the
217 200   terms of section 4, provided that you also meet all of these conditions:
218 201
219       - ____a) The work must carry prominent notices stating that you modified
220       - ____it, and giving a relevant date.
    202   + a) The work must carry prominent notices stating that you modified
    203   + it, and giving a relevant date.
221 204
222       - ____b) The work must carry prominent notices stating that it is
223       - ____released under this License and any conditions added under section
224       - ____7.  This requirement modifies the requirement in section 4 to
225       - ____"keep intact all notices".
    205   + b) The work must carry prominent notices stating that it is
    206   + released under this License and any conditions added under section
    207   + 7.  This requirement modifies the requirement in section 4 to
    208   + "keep intact all notices".
226 209
227       - ____c) You must license the entire work, as a whole, under this
228       - ____License to anyone who comes into possession of a copy.  This
229       - ____License will therefore apply, along with any applicable section 7
230       - ____additional terms, to the whole of the work, and all its parts,
231       - ____regardless of how they are packaged.  This License gives no
232       - ____permission to license the work in any other way, but it does not
233       - ____invalidate such permission if you have separately received it.
    210   + c) You must license the entire work, as a whole, under this
    211   + License to anyone who comes into possession of a copy.  This
    212   + License will therefore apply, along with any applicable section 7
    213   + additional terms, to the whole of the work, and all its parts,
    214   + regardless of how they are packaged.  This License gives no
    215   + permission to license the work in any other way, but it does not
    216   + invalidate such permission if you have separately received it.
234 217
235       - ____d) If the work has interactive user interfaces, each must display
236       - ____Appropriate Legal Notices; however, if the Program has interactive
237       - ____interfaces that do not display Appropriate Legal Notices, your
238       - ____work need not make them do so.
    218   + d) If the work has interactive user interfaces, each must display
    219   + Appropriate Legal Notices; however, if the Program has interactive
    220   + interfaces that do not display Appropriate Legal Notices, your
    221   + work need not make them do so.
239 222
240       - __A compilation of a covered work with other separate and independent
    223   + A compilation of a covered work with other separate and independent
241 224   works, which are not by their nature extensions of the covered work,
242 225   and which are not combined with it such as to form a larger program,
243 226   in or on a volume of a storage or distribution medium, is called an
247 230   in an aggregate does not cause this License to apply to the other
248 231   parts of the aggregate.
249 232
250       - __6. Conveying Non-Source Forms.
    233   + 6. Conveying Non-Source Forms.
251 234
```

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```
- You may convey a covered work in object code form under the terms
+ You may convey a covered work in object code form under the terms
  of sections 4 and 5, provided that you also convey the
  machine-readable Corresponding Source under the terms of this License,
  in one of these ways:

- a) Convey the object code in, or embodied in, a physical product
- (including a physical distribution medium), accompanied by the
- Corresponding Source fixed on a durable physical medium
- customarily used for software interchange.
-
- b) Convey the object code in, or embodied in, a physical product
- (including a physical distribution medium), accompanied by a
- written offer, valid for at least three years and valid for as
- long as you offer spare parts or customer support for that product
- model, to give anyone who possesses the object code either (1) a
- copy of the Corresponding Source for all the software in the
- product that is covered by this License, on a durable physical
- medium customarily used for software interchange, for a price no
- more than your reasonable cost of physically performing this
- conveying of source, or (2) access to copy the
- Corresponding Source from a network server at no charge.
-
- c) Convey individual copies of the object code with a copy of the
- written offer to provide the Corresponding Source.  This
- alternative is allowed only occasionally and noncommercially, and
- only if you received the object code with such an offer, in accord
- with subsection 6b.
-
- d) Convey the object code by offering access from a designated
- place (gratis or for a charge), and offer equivalent access to the
- Corresponding Source in the same way through the same place at no
- further charge.  You need not require recipients to copy the
- Corresponding Source along with the object code.  If the place to
- copy the object code is a network server, the Corresponding Source
- may be on a different server (operated by you or a third party)
- that supports equivalent copying facilities, provided you maintain
- clear directions next to the object code saying where to find the
- Corresponding Source.  Regardless of what server hosts the
- Corresponding Source, you remain obligated to ensure that it is
- available for as long as needed to satisfy these requirements.
-
- e) Convey the object code using peer-to-peer transmission, provided
- you inform other peers where the object code and Corresponding
- Source of the work are being offered to the general public at no
- charge under subsection 6d.
-
- A separable portion of the object code, whose source code is excluded
+ a) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by the
+ Corresponding Source fixed on a durable physical medium
+ customarily used for software interchange.
+
+ b) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by a
+ written offer, valid for at least three years and valid for as
+ long as you offer spare parts or customer support for that product
+ model, to give anyone who possesses the object code either (1) a
+ copy of the Corresponding Source for all the software in the
+ product that is covered by this License, on a durable physical
+ medium customarily used for software interchange, for a price no
+ more than your reasonable cost of physically performing this
+ conveying of source, or (2) access to copy the
```

```
+ Corresponding Source from a network server at no charge.
+
+ c) Convey individual copies of the object code with a copy of the
+ written offer to provide the Corresponding Source.  This
+ alternative is allowed only occasionally and noncommercially, and
+ only if you received the object code with such an offer, in accord
+ with subsection 6b.
+
+ d) Convey the object code by offering access from a designated
+ place (gratis or for a charge), and offer equivalent access to the
+ Corresponding Source in the same way through the same place at no
+ further charge.  You need not require recipients to copy the
+ Corresponding Source along with the object code.  If the place to
+ copy the object code is a network server, the Corresponding Source
+ may be on a different server (operated by you or a third party)
+ that supports equivalent copying facilities, provided you maintain
+ clear directions next to the object code saying where to find the
+ Corresponding Source.  Regardless of what server hosts the
+ Corresponding Source, you remain obligated to ensure that it is
+ available for as long as needed to satisfy these requirements.
+
+ e) Convey the object code using peer-to-peer transmission, provided
+ you inform other peers where the object code and Corresponding
+ Source of the work are being offered to the general public at no
+ charge under subsection 6d.
+
+ A separable portion of the object code, whose source code is excluded
  from the Corresponding Source as a System Library, need not be
  included in conveying the object code work.

- __A "User Product" is either (1) a "consumer product", which means any
+ A "User Product" is either (1) a "consumer product", which means any
  tangible personal property which is normally used for personal, family,
  or household purposes, or (2) anything designed or sold for incorporation
  into a dwelling.  In determining whether a product is a consumer product,
  commercial, industrial or non-consumer uses, unless such uses represent
  the only significant mode of use of the product.

- __"Installation Information" for a User Product means any methods,
+ "Installation Information" for a User Product means any methods,
  procedures, authorization keys, or other information required to install
  and execute modified versions of a covered work in that User Product from
  a modified version of its Corresponding Source.  The information must
  suffice to ensure that the continued functioning of the modified object
  code is in no case prevented or interfered with solely because
  modification has been made.

- __If you convey an object code work under this section in, or with, or
+ If you convey an object code work under this section in, or with, or
  specifically for use in, a User Product, and the conveying occurs as
  part of a transaction in which the right of possession and use of the
  User Product is transferred to the recipient in perpetuity or for a
  modified object code on the User Product (for example, the work has
  been installed in ROM).

- __The requirement to provide Installation Information does not include a
+ The requirement to provide Installation Information does not include a
  requirement to continue to provide support service, warranty, or updates
  for a work that has been modified or installed by the recipient, or for
  the User Product in which it has been modified or installed.  Access to a
  network may be denied when the modification itself materially and
  adversely affects the operation of the network or violates the rules and
  protocols for communication across the network.
```

```
 324
-  Corresponding Source conveyed, and Installation Information provided,
+ Corresponding Source conveyed, and Installation Information provided,
 326  in accord with this section must be in a format that is publicly
 327  documented (and with an implementation available to the public in
 328  source code form), and must require no special password or key for
 329  unpacking, reading or copying.
 330
-  7. Additional Terms.
+ 7. Additional Terms.
 332
-  "Additional permissions" are terms that supplement the terms of this
+ "Additional permissions" are terms that supplement the terms of this
 334  License by making exceptions from one or more of its conditions.
 335  Additional permissions that are applicable to the entire Program shall
 336  be treated as though they were included in this License, to the extent
 339  under those permissions, but the entire Program remains governed by
 340  this License without regard to the additional permissions.
 341
-  When you convey a copy of a covered work, you may at your option
+ When you convey a copy of a covered work, you may at your option
 343  remove any additional permissions from that copy, or from any part of
 344  it.  (Additional permissions may be written to require their own
 345  removal in certain cases when you modify the work.)  You may place
 346  additional permissions on material, added by you to a covered work,
 347  for which you have or can give appropriate copyright permission.
 348
-  Notwithstanding any other provision of this License, for material you
+ Notwithstanding any other provision of this License, for material you
 350  add to a covered work, you may (if authorized by the copyright holders of
 351  that material) supplement the terms of this License with terms:
 352
-     a) Disclaiming warranty or limiting liability differently from the
-     terms of sections 15 and 16 of this License; or
+ a) Disclaiming warranty or limiting liability differently from the
+ terms of sections 15 and 16 of this License; or
 355
-     b) Requiring preservation of specified reasonable legal notices or
-     author attributions in that material or in the Appropriate Legal
-     Notices displayed by works containing it; or
+ b) Requiring preservation of specified reasonable legal notices or
+ author attributions in that material or in the Appropriate Legal
+ Notices displayed by works containing it; or
 359
-     c) Prohibiting misrepresentation of the origin of that material, or
-     requiring that modified versions of such material be marked in
-     reasonable ways as different from the original version; or
+ c) Prohibiting misrepresentation of the origin of that material, or
+ requiring that modified versions of such material be marked in
+ reasonable ways as different from the original version; or
 363
-     d) Limiting the use for publicity purposes of names of licensors or
-     authors of the material; or
+ d) Limiting the use for publicity purposes of names of licensors or
+ authors of the material; or
 366
-     e) Declining to grant rights under trademark law for use of some
-     trade names, trademarks, or service marks; or
+ e) Declining to grant rights under trademark law for use of some
+ trade names, trademarks, or service marks; or
 369
-     f) Requiring indemnification of licensors and authors of that
-     material by anyone who conveys the material (or modified versions of
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- ___it) with contractual assumptions of liability to the recipient, for
- ___any liability that these contractual assumptions directly impose on
- ___those licensors and authors.
+ f) Requiring indemnification of licensors and authors of that
+ material by anyone who conveys the material (or modified versions of
+ it) with contractual assumptions of liability to the recipient, for
+ any liability that these contractual assumptions directly impose on
+ those licensors and authors.

- __All other non-permissive additional terms are considered "further
+ All other non-permissive additional terms are considered "further
  restrictions" within the meaning of section 10.  If the Program as you
  received it, or any part of it, contains a notice stating that it is
- governed by this License along with a term that is a further restriction,
- you may remove that term.  If a license document contains a further
- restriction but permits relicensing or conveying under this License, you
- may add to a covered work material governed by the terms of that license
- document, provided that the further restriction does not survive such
- relicensing or conveying.
-
- __If you add terms to a covered work in accord with this section, you
+ governed by this License along with a term that is a further
+ restriction, you may remove that term.  If a license document contains
+ a further restriction but permits relicensing or conveying under this
+ License, you may add to a covered work material governed by the terms
+ of that license document, provided that the further restriction does
+ not survive such relicensing or conveying.
+
+ If you add terms to a covered work in accord with this section, you
  must place, in the relevant source files, a statement of the
  additional terms that apply to those files, or a notice indicating
  where to find the applicable terms.

- __Additional terms, permissive or non-permissive, may be stated in the
+ Additional terms, permissive or non-permissive, may be stated in the
  form of a separately written license, or stated as exceptions;
  the above requirements apply either way.

- __8. Termination.
+ 8. Termination.

- __You may not propagate or modify a covered work except as expressly
+ You may not propagate or modify a covered work except as expressly
  provided under this License.  Any attempt otherwise to propagate or
  modify it is void, and will automatically terminate your rights under
  this License (including any patent licenses granted under the third
  paragraph of section 11).

- __However, if you cease all violation of this License, then your
+ However, if you cease all violation of this License, then your
  license from a particular copyright holder is reinstated (a)
  provisionally, unless and until the copyright holder explicitly and
  finally terminates your license, and (b) permanently, if the copyright
  holder fails to notify you of the violation by some reasonable means
  prior to 60 days after the cessation.

- __Moreover, your license from a particular copyright holder is
+ Moreover, your license from a particular copyright holder is
  reinstated permanently if the copyright holder notifies you of the
  violation by some reasonable means, this is the first time you have
  received notice of violation of this License (for any work) from that
  copyright holder, and you cure the violation prior to 30 days after
  your receipt of the notice.
```

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433  416
434       - __Termination of your rights under this section does not terminate the
     417  + Termination of your rights under this section does not terminate the
435  418    licenses of parties who have received copies or rights from you under
436  419    this License.  If your rights have been terminated and not permanently
437  420    reinstated, you do not qualify to receive new licenses for the same
438  421    material under section 10.
439  422
440       - __9. Acceptance Not Required for Having Copies.
     423  + 9. Acceptance Not Required for Having Copies.
441  424
442       - __You are not required to accept this License in order to receive or
     425  + You are not required to accept this License in order to receive or
443  426    run a copy of the Program.  Ancillary propagation of a covered work
444  427    occurring solely as a consequence of using peer-to-peer transmission
445  428    to receive a copy likewise does not require acceptance.  However,
448  431    not accept this License.  Therefore, by modifying or propagating a
449  432    covered work, you indicate your acceptance of this License to do so.
450  433
451       - __10. Automatic Licensing of Downstream Recipients.
     434  + 10. Automatic Licensing of Downstream Recipients.
452  435
453       - __Each time you convey a covered work, the recipient automatically
     436  + Each time you convey a covered work, the recipient automatically
454  437    receives a license from the original licensors, to run, modify and
455  438    propagate that work, subject to this License.  You are not responsible
456  439    for enforcing compliance by third parties with this License.
457  440
458       - __An "entity transaction" is a transaction transferring control of an
     441  + An "entity transaction" is a transaction transferring control of an
459  442    organization, or substantially all assets of one, or subdividing an
460  443    organization, or merging organizations.  If propagation of a covered
461  444    work results from an entity transaction, each party to that
465  448    Corresponding Source of the work from the predecessor in interest, if
466  449    the predecessor has it or can get it with reasonable efforts.
467  450
468       - __You may not impose any further restrictions on the exercise of the
     451  + You may not impose any further restrictions on the exercise of the
469  452    rights granted or affirmed under this License.  For example, you may
470  453    not impose a license fee, royalty, or other charge for exercise of
471  454    rights granted under this License, and you may not initiate litigation
472  455    (including a cross-claim or counterclaim in a lawsuit) alleging that
473  456    any patent claim is infringed by making, using, selling, offering for
474  457    sale, or importing the Program or any portion of it.
475  458
476       - __11. Patents.
     459  + 11. Patents.
477  460
478       - __A "contributor" is a copyright holder who authorizes use under this
     461  + A "contributor" is a copyright holder who authorizes use under this
479  462    License of the Program or a work on which the Program is based.  The
480  463    work thus licensed is called the contributor's "contributor version".
481  464
482       - __A contributor's "essential patent claims" are all patent claims
     465  + A contributor's "essential patent claims" are all patent claims
483  466    owned or controlled by the contributor, whether already acquired or
484  467    hereafter acquired, that would be infringed by some manner, permitted
485  468    by this License, of making, using, or selling its contributor version,
489  472    patent sublicenses in a manner consistent with the requirements of
490  473    this License.
491  474
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    528 + 12. No Surrender of Others' Freedom.
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626 609
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    610 + 17. Interpretation of Sections 15 and 16.
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    612 + If the disclaimer of warranty and limitation of liability provided
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639 622
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644     - __To do so, attach the following notices to the program.  It is safest
    627 + To do so, attach the following notices to the program.  It is safest
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646 629   state the exclusion of warranty; and each file should have at least
647 630   the "copyright" line and a pointer to where the full notice is found.
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649     - ____<one line to give the program's name and a brief idea of what it does.>
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664  647
665  648  Also add information on how to contact you by electronic and paper mail.
666  649
667  -   If your software can interact with users remotely through a computer
650  + If your software can interact with users remotely through a computer
668  651  network, you should also make sure that it provides a way for users to
669  652  get its source.  For example, if your program is a web application, its
670  653  interface could display a "Source" link that leads users to an archive
671  654  of the code.  There are many ways you could offer source, and different
672  655  solutions will be better for different programs; see section 13 for the
673  656  specific requirements.
674  657
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+ The GNU Affero General Public License is designed specifically to
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```
   to the community.  It requires the operator of a network server to
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-  An interactive user interface displays "Appropriate Legal Notices"
+ An interactive user interface displays "Appropriate Legal Notices"
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```
to the extent that it includes a convenient and prominently visible
feature that (1) displays an appropriate copyright notice, and (2)
tells the user that there is no warranty for the work (except to the
the interface presents a list of user commands or options, such as a
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+ 1. Source Code.

- __The "source code" for a work means the preferred form of the work
+ The "source code" for a work means the preferred form of the work
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form of a work.

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+ A "Standard Interface" means an interface that either is an official
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+ The "System Libraries" of an executable work include anything, other
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Component, and (b) serves only to enable use of the work with that
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- __The "Corresponding Source" for a work in object code form means all
+ The "Corresponding Source" for a work in object code form means all
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+ The Corresponding Source need not include anything that users
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180       - __Conveying under any other circumstances is permitted solely under
    163   + Conveying under any other circumstances is permitted solely under
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182 165   makes it unnecessary.
183 166
184       - __3. Protecting Users' Legal Rights From Anti-Circumvention Law.
    167   + 3. Protecting Users' Legal Rights From Anti-Circumvention Law.
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186       - __No covered work shall be deemed part of an effective technological
    169   + No covered work shall be deemed part of an effective technological
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189 172   similar laws prohibiting or restricting circumvention of such
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212 195
213       - __5. Conveying Modified Source Versions.
    196   + 5. Conveying Modified Source Versions.
214 197
215       - __You may convey a work based on the Program, or the modifications to
    198   + You may convey a work based on the Program, or the modifications to
216 199   produce it from the Program, in the form of source code under the
217 200   terms of section 4, provided that you also meet all of these conditions:
218 201
219       - ____a) The work must carry prominent notices stating that you modified
220       - ____it, and giving a relevant date.
    202   + a) The work must carry prominent notices stating that you modified
    203   + it, and giving a relevant date.
221 204
222       - ____b) The work must carry prominent notices stating that it is
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224       - ____7.  This requirement modifies the requirement in section 4 to
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+ d) If the work has interactive user interfaces, each must display
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+ 6. Conveying Non-Source Forms.

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- ____(including a physical distribution medium), accompanied by a
- ____written offer, valid for at least three years and valid for as
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- ____model, to give anyone who possesses the object code either (1) a
- ____copy of the Corresponding Source for all the software in the
- ____product that is covered by this License, on a durable physical
- ____medium customarily used for software interchange, for a price no
- ____more than your reasonable cost of physically performing this
- ____conveying of source, or (2) access to copy the
- ____Corresponding Source from a network server at no charge.
-
- ____c) Convey individual copies of the object code with a copy of the
- ____written offer to provide the Corresponding Source.  This
- ____alternative is allowed only occasionally and noncommercially, and
- ____only if you received the object code with such an offer, in accord
```

Case 5:18-cv-07182-EJD Document 37 Filed 10/23/19 Page 429 of 493

```
- ___with subsection 6b.
-
- ___d) Convey the object code by offering access from a designated
- ___place (gratis or for a charge), and offer equivalent access to the
- ___Corresponding Source in the same way through the same place at no
- ___further charge.  You need not require recipients to copy the
- ___Corresponding Source along with the object code.  If the place to
- ___copy the object code is a network server, the Corresponding Source
- ___may be on a different server (operated by you or a third party)
- ___that supports equivalent copying facilities, provided you maintain
- ___clear directions next to the object code saying where to find the
- ___Corresponding Source.  Regardless of what server hosts the
- ___Corresponding Source, you remain obligated to ensure that it is
- ___available for as long as needed to satisfy these requirements.
-
- ___e) Convey the object code using peer-to-peer transmission, provided
- ___you inform other peers where the object code and Corresponding
- ___Source of the work are being offered to the general public at no
- ___charge under subsection 6d.
-
- __A separable portion of the object code, whose source code is excluded
+ a) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by the
+ Corresponding Source fixed on a durable physical medium
+ customarily used for software interchange.
+
+ b) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by a
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+ long as you offer spare parts or customer support for that product
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+ product that is covered by this License, on a durable physical
+ medium customarily used for software interchange, for a price no
+ more than your reasonable cost of physically performing this
+ conveying of source, or (2) access to copy the
+ Corresponding Source from a network server at no charge.
+
+ c) Convey individual copies of the object code with a copy of the
+ written offer to provide the Corresponding Source.  This
+ alternative is allowed only occasionally and noncommercially, and
+ only if you received the object code with such an offer, in accord
+ with subsection 6b.
+
+ d) Convey the object code by offering access from a designated
+ place (gratis or for a charge), and offer equivalent access to the
+ Corresponding Source in the same way through the same place at no
+ further charge.  You need not require recipients to copy the
+ Corresponding Source along with the object code.  If the place to
+ copy the object code is a network server, the Corresponding Source
+ may be on a different server (operated by you or a third party)
+ that supports equivalent copying facilities, provided you maintain
+ clear directions next to the object code saying where to find the
+ Corresponding Source.  Regardless of what server hosts the
+ Corresponding Source, you remain obligated to ensure that it is
+ available for as long as needed to satisfy these requirements.
+
+ e) Convey the object code using peer-to-peer transmission, provided
+ you inform other peers where the object code and Corresponding
+ Source of the work are being offered to the general public at no
+ charge under subsection 6d.
+
+ A separable portion of the object code, whose source code is excluded
```

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299 282   from the Corresponding Source as a System Library, need not be
300 283   included in conveying the object code work.
301 284
302     - __A "User Product" is either (1) a "consumer product", which means any
    285 + A "User Product" is either (1) a "consumer product", which means any
303 286   tangible personal property which is normally used for personal, family,
304 287   or household purposes, or (2) anything designed or sold for incorporation
305 288   into a dwelling.  In determining whether a product is a consumer product,
312 295   commercial, industrial or non-consumer uses, unless such uses represent
313 296   the only significant mode of use of the product.
314 297
315     - __"Installation Information" for a User Product means any methods,
    298 + "Installation Information" for a User Product means any methods,
316 299   procedures, authorization keys, or other information required to install
317 300   and execute modified versions of a covered work in that User Product from
318 301   a modified version of its Corresponding Source.  The information must
319 302   suffice to ensure that the continued functioning of the modified object
320 303   code is in no case prevented or interfered with solely because
321 304   modification has been made.
322 305
323     - __If you convey an object code work under this section in, or with, or
    306 + If you convey an object code work under this section in, or with, or
324 307   specifically for use in, a User Product, and the conveying occurs as
325 308   part of a transaction in which the right of possession and use of the
326 309   User Product is transferred to the recipient in perpetuity or for a
331 314   modified object code on the User Product (for example, the work has
332 315   been installed in ROM).
333 316
334     - __The requirement to provide Installation Information does not include a
    317 + The requirement to provide Installation Information does not include a
335 318   requirement to continue to provide support service, warranty, or updates
336 319   for a work that has been modified or installed by the recipient, or for
337 320   the User Product in which it has been modified or installed.  Access to a
338 321   network may be denied when the modification itself materially and
339 322   adversely affects the operation of the network or violates the rules and
340 323   protocols for communication across the network.
341 324
342     - __Corresponding Source conveyed, and Installation Information provided,
    325 + Corresponding Source conveyed, and Installation Information provided,
343 326   in accord with this section must be in a format that is publicly
344 327   documented (and with an implementation available to the public in
345 328   source code form), and must require no special password or key for
346 329   unpacking, reading or copying.
347 330
348     - __7. Additional Terms.
    331 + 7. Additional Terms.
349 332
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11        - The software ("Software") is developed and owned by Neo4j Sweden AB
12        - (referred to in this notice as “Neo4j”) and is subject to the terms
13        - of the GNU AFFERO GENERAL PUBLIC LICENSE Version 3, with the Commons Clause as follows:
     8    + Preamble
14   9
15        -
16        -
17        -                    GNU AFFERO GENERAL PUBLIC LICENSE
18        -                       Version 3, 19 November 2007
19        -
20        -  Copyright (C) 2007 Free Software Foundation, Inc. <http://fsf.org/>
21        -  Everyone is permitted to copy and distribute verbatim copies
22        -  of this license document, but changing it is not allowed.
23        -
24        -                            Preamble
25        -
26        -   The GNU Affero General Public License is a free, copyleft license
27        - for software and other kinds of works, specifically designed to ensure
     10   + The GNU Affero General Public License is a free, copyleft license for
     11   + software and other kinds of works, specifically designed to ensure
28   12   cooperation with the community in the case of network server software.
29   13
```

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```
-  The licenses for most software and other practical works are
-  designed to take away your freedom to share and change the works.  By
-  contrast, our General Public Licenses are intended to guarantee your
-  freedom to share and change all versions of a program--to make sure it
-  remains free software for all its users.
+ The licenses for most software and other practical works are designed
+ to take away your freedom to share and change the works.  By contrast,
+ our General Public Licenses are intended to guarantee your freedom to
+ share and change all versions of a program--to make sure it remains free
+ software for all its users.

-  When we speak of free software, we are referring to freedom, not
+ When we speak of free software, we are referring to freedom, not
  price.  Our General Public Licenses are designed to make sure that you
  have the freedom to distribute copies of free software (and charge for
  them if you wish), that you receive source code or can get it if you
  want it, that you can change the software or use pieces of it in new
  free programs, and that you know you can do these things.

-  Developers that use our General Public Licenses protect your rights
+ Developers that use our General Public Licenses protect your rights
  with two steps: (1) assert copyright on the software, and (2) offer
  you this License which gives you legal permission to copy, distribute
  and/or modify the software.

-  A secondary benefit of defending all users' freedom is that
+ A secondary benefit of defending all users' freedom is that
  improvements made in alternate versions of the program, if they
  receive widespread use, become available for other developers to
  incorporate.  Many developers of free software are heartened and
  letting the public access it on a server without ever releasing its
  source code to the public.

-  The GNU Affero General Public License is designed specifically to
+ The GNU Affero General Public License is designed specifically to
  ensure that, in such cases, the modified source code becomes available
  to the community.  It requires the operator of a network server to
  provide the source code of the modified version running there to the
  users of that server.  Therefore, public use of a modified version, on
  a publicly accessible server, gives the public access to the source
  code of the modified version.

-  An older license, called the Affero General Public License and
+ An older license, called the Affero General Public License and
  published by Affero, was designed to accomplish similar goals.  This is
  a different license, not a version of the Affero GPL, but Affero has
  released a new version of the Affero GPL which permits relicensing under
  this license.

-  The precise terms and conditions for copying, distribution and
+ The precise terms and conditions for copying, distribution and
  modification follow.

-                       TERMS AND CONDITIONS
+ TERMS AND CONDITIONS
+
+ 0. Definitions.

-   0. Definitions.
+ "This License" refers to version 3 of the GNU Affero General Public License.

-   "This License" refers to version 3 of the GNU Affero General Public
- License.
```

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```
+ "Copyright" also means copyright-like laws that apply to other kinds of
+ works, such as semiconductor masks.

-   "Copyright" also means copyright-like laws that apply to other kinds
- of works, such as semiconductor masks.
-
-   "The Program" refers to any copyrightable work licensed under this
+ "The Program" refers to any copyrightable work licensed under this
  License.  Each licensee is addressed as "you".  "Licensees" and
  "recipients" may be individuals or organizations.

- __To "modify" a work means to copy from or adapt all or part of the work
+ To "modify" a work means to copy from or adapt all or part of the work
  in a fashion requiring copyright permission, other than the making of an
  exact copy.  The resulting work is called a "modified version" of the
  earlier work or a work "based on" the earlier work.

- __A "covered work" means either the unmodified Program or a work based
+ A "covered work" means either the unmodified Program or a work based
  on the Program.

- __To "propagate" a work means to do anything with it that, without
+ To "propagate" a work means to do anything with it that, without
  permission, would make you directly or secondarily liable for
  infringement under applicable copyright law, except executing it on a
  computer or modifying a private copy.  Propagation includes copying,
  distribution (with or without modification), making available to the
  public, and in some countries other activities as well.

- __To "convey" a work means any kind of propagation that enables other
+ To "convey" a work means any kind of propagation that enables other
  parties to make or receive copies.  Mere interaction with a user through
  a computer network, with no transfer of a copy, is not conveying.

- __An interactive user interface displays "Appropriate Legal Notices"
+ An interactive user interface displays "Appropriate Legal Notices"
  to the extent that it includes a convenient and prominently visible
  feature that (1) displays an appropriate copyright notice, and (2)
  tells the user that there is no warranty for the work (except to the
  the interface presents a list of user commands or options, such as a
  menu, a prominent item in the list meets this criterion.

- __1. Source Code.
+ 1. Source Code.

- __The "source code" for a work means the preferred form of the work
+ The "source code" for a work means the preferred form of the work
  for making modifications to it.  "Object code" means any non-source
  form of a work.

- __A "Standard Interface" means an interface that either is an official
+ A "Standard Interface" means an interface that either is an official
  standard defined by a recognized standards body, or, in the case of
  interfaces specified for a particular programming language, one that
  is widely used among developers working in that language.

- __The "System Libraries" of an executable work include anything, other
+ The "System Libraries" of an executable work include anything, other
  than the work as a whole, that (a) is included in the normal form of
  packaging a Major Component, but which is not part of that Major
  Component, and (b) serves only to enable use of the work with that
  (if any) on which the executable work runs, or a compiler used to
  produce the work, or an object code interpreter used to run it.
```

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```
-  __The "Corresponding Source" for a work in object code form means all
+ The "Corresponding Source" for a work in object code form means all
   the source code needed to generate, install, and (for an executable
   work) run the object code and to modify the work, including scripts to
   control those activities.  However, it does not include the work's
   such as by intimate data communication or control flow between those
   subprograms and other parts of the work.

-  __The Corresponding Source need not include anything that users
+ The Corresponding Source need not include anything that users
   can regenerate automatically from other parts of the Corresponding
   Source.

-  __The Corresponding Source for a work in source code form is that
+ The Corresponding Source for a work in source code form is that
   same work.

-  __2. Basic Permissions.
+ 2. Basic Permissions.

-  __All rights granted under this License are granted for the term of
+ All rights granted under this License are granted for the term of
   copyright on the Program, and are irrevocable provided the stated
   conditions are met.  This License explicitly affirms your unlimited
   permission to run the unmodified Program.  The output from running a
   covered work is covered by this License only if the output, given its
   content, constitutes a covered work.  This License acknowledges your
   rights of fair use or other equivalent, as provided by copyright law.

-  __You may make, run and propagate covered works that you do not
+ You may make, run and propagate covered works that you do not
   convey, without conditions so long as your license otherwise remains
   in force.  You may convey covered works to others for the sole purpose
   of having them make modifications exclusively for you, or provide you
   and control, on terms that prohibit them from making any copies of
   your copyrighted material outside their relationship with you.

-  __Conveying under any other circumstances is permitted solely under
+ Conveying under any other circumstances is permitted solely under
   the conditions stated below.  Sublicensing is not allowed; section 10
   makes it unnecessary.

-  __3. Protecting Users' Legal Rights From Anti-Circumvention Law.
+ 3. Protecting Users' Legal Rights From Anti-Circumvention Law.

-  __No covered work shall be deemed part of an effective technological
+ No covered work shall be deemed part of an effective technological
   measure under any applicable law fulfilling obligations under article
   11 of the WIPO copyright treaty adopted on 20 December 1996, or
   similar laws prohibiting or restricting circumvention of such
   measures.

-  __When you convey a covered work, you waive any legal power to forbid
+ When you convey a covered work, you waive any legal power to forbid
   circumvention of technological measures to the extent such circumvention
   is effected by exercising rights under this License with respect to
   the covered work, and you disclaim any intention to limit operation or
   modification of the work as a means of enforcing, against the work's
   users, your or third parties' legal rights to forbid circumvention of
   technological measures.

-  __4. Conveying Verbatim Copies.
```

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```
@@ -183,7 +183,7 @@
+ 4. Conveying Verbatim Copies.

-  You may convey verbatim copies of the Program's source code as you
+ You may convey verbatim copies of the Program's source code as you
  receive it, in any medium, provided that you conspicuously and
  appropriately publish on each copy an appropriate copyright notice;
  keep intact all notices stating that this License and any
  non-permissive terms added in accord with section 7 apply to the code;
  keep intact all notices of the absence of any warranty; and give all
  recipients a copy of this License along with the Program.

-  You may charge any price or no price for each copy that you convey,
+ You may charge any price or no price for each copy that you convey,
  and you may offer support or warranty protection for a fee.

-  5. Conveying Modified Source Versions.
+ 5. Conveying Modified Source Versions.

-  You may convey a work based on the Program, or the modifications to
+ You may convey a work based on the Program, or the modifications to
  produce it from the Program, in the form of source code under the
  terms of section 4, provided that you also meet all of these conditions:

-     a) The work must carry prominent notices stating that you modified
-     it, and giving a relevant date.
+ a) The work must carry prominent notices stating that you modified
+ it, and giving a relevant date.

-     b) The work must carry prominent notices stating that it is
-     released under this License and any conditions added under section
-     7.  This requirement modifies the requirement in section 4 to
-     "keep intact all notices".
+ b) The work must carry prominent notices stating that it is
+ released under this License and any conditions added under section
+ 7.  This requirement modifies the requirement in section 4 to
+ "keep intact all notices".

-     c) You must license the entire work, as a whole, under this
-     License to anyone who comes into possession of a copy.  This
-     License will therefore apply, along with any applicable section 7
-     additional terms, to the whole of the work, and all its parts,
-     regardless of how they are packaged.  This License gives no
-     permission to license the work in any other way, but it does not
-     invalidate such permission if you have separately received it.
+ c) You must license the entire work, as a whole, under this
+ License to anyone who comes into possession of a copy.  This
+ License will therefore apply, along with any applicable section 7
+ additional terms, to the whole of the work, and all its parts,
+ regardless of how they are packaged.  This License gives no
+ permission to license the work in any other way, but it does not
+ invalidate such permission if you have separately received it.

-     d) If the work has interactive user interfaces, each must display
-     Appropriate Legal Notices; however, if the Program has interactive
-     interfaces that do not display Appropriate Legal Notices, your
-     work need not make them do so.
+ d) If the work has interactive user interfaces, each must display
+ Appropriate Legal Notices; however, if the Program has interactive
+ interfaces that do not display Appropriate Legal Notices, your
+ work need not make them do so.

-  A compilation of a covered work with other separate and independent
+ A compilation of a covered work with other separate and independent
```

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```
works, which are not by their nature extensions of the covered work,
and which are not combined with it such as to form a larger program,
in or on a volume of a storage or distribution medium, is called an
in an aggregate does not cause this License to apply to the other
parts of the aggregate.

- __6. Conveying Non-Source Forms.
+ 6. Conveying Non-Source Forms.

- __You may convey a covered work in object code form under the terms
+ You may convey a covered work in object code form under the terms
of sections 4 and 5, provided that you also convey the
machine-readable Corresponding Source under the terms of this License,
in one of these ways:

- ____a) Convey the object code in, or embodied in, a physical product
- ____(including a physical distribution medium), accompanied by the
- ____Corresponding Source fixed on a durable physical medium
- ____customarily used for software interchange.
-
- ____b) Convey the object code in, or embodied in, a physical product
- ____(including a physical distribution medium), accompanied by a
- ____written offer, valid for at least three years and valid for as
- ____long as you offer spare parts or customer support for that product
- ____model, to give anyone who possesses the object code either (1) a
- ____copy of the Corresponding Source for all the software in the
- ____product that is covered by this License, on a durable physical
- ____medium customarily used for software interchange, for a price no
- ____more than your reasonable cost of physically performing this
- ____conveying of source, or (2) access to copy the
- ____Corresponding Source from a network server at no charge.
-
- ____c) Convey individual copies of the object code with a copy of the
- ____written offer to provide the Corresponding Source.  This
- ____alternative is allowed only occasionally and noncommercially, and
- ____only if you received the object code with such an offer, in accord
- ____with subsection 6b.
-
- ____d) Convey the object code by offering access from a designated
- ____place (gratis or for a charge), and offer equivalent access to the
- ____Corresponding Source in the same way through the same place at no
- ____further charge.  You need not require recipients to copy the
- ____Corresponding Source along with the object code.  If the place to
- ____copy the object code is a network server, the Corresponding Source
- ____may be on a different server (operated by you or a third party)
- ____that supports equivalent copying facilities, provided you maintain
- ____clear directions next to the object code saying where to find the
- ____Corresponding Source.  Regardless of what server hosts the
- ____Corresponding Source, you remain obligated to ensure that it is
- ____available for as long as needed to satisfy these requirements.
-
- ____e) Convey the object code using peer-to-peer transmission, provided
- ____you inform other peers where the object code and Corresponding
- ____Source of the work are being offered to the general public at no
- ____charge under subsection 6d.
-
- __A separable portion of the object code, whose source code is excluded
+ a) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by the
+ Corresponding Source fixed on a durable physical medium
+ customarily used for software interchange.
+
+ b) Convey the object code in, or embodied in, a physical product
```

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```
+ (including a physical distribution medium), accompanied by a
+ written offer, valid for at least three years and valid for as
+ long as you offer spare parts or customer support for that product
+ model, to give anyone who possesses the object code either (1) a
+ copy of the Corresponding Source for all the software in the
+ product that is covered by this License, on a durable physical
+ medium customarily used for software interchange, for a price no
+ more than your reasonable cost of physically performing this
+ conveying of source, or (2) access to copy the
+ Corresponding Source from a network server at no charge.
+
+ c) Convey individual copies of the object code with a copy of the
+ written offer to provide the Corresponding Source.  This
+ alternative is allowed only occasionally and noncommercially, and
+ only if you received the object code with such an offer, in accord
+ with subsection 6b.
+
+ d) Convey the object code by offering access from a designated
+ place (gratis or for a charge), and offer equivalent access to the
+ Corresponding Source in the same way through the same place at no
+ further charge.  You need not require recipients to copy the
+ Corresponding Source along with the object code.  If the place to
+ copy the object code is a network server, the Corresponding Source
+ may be on a different server (operated by you or a third party)
+ that supports equivalent copying facilities, provided you maintain
+ clear directions next to the object code saying where to find the
+ Corresponding Source.  Regardless of what server hosts the
+ Corresponding Source, you remain obligated to ensure that it is
+ available for as long as needed to satisfy these requirements.
+
+ e) Convey the object code using peer-to-peer transmission, provided
+ you inform other peers where the object code and Corresponding
+ Source of the work are being offered to the general public at no
+ charge under subsection 6d.
+
+ A separable portion of the object code, whose source code is excluded
  from the Corresponding Source as a System Library, need not be
  included in conveying the object code work.

- __A "User Product" is either (1) a "consumer product", which means any
+ A "User Product" is either (1) a "consumer product", which means any
  tangible personal property which is normally used for personal, family,
  or household purposes, or (2) anything designed or sold for incorporation
  into a dwelling.  In determining whether a product is a consumer product,
  commercial, industrial or non-consumer uses, unless such uses represent
  the only significant mode of use of the product.

- __"Installation Information" for a User Product means any methods,
+ "Installation Information" for a User Product means any methods,
  procedures, authorization keys, or other information required to install
  and execute modified versions of a covered work in that User Product from
  a modified version of its Corresponding Source.  The information must
  suffice to ensure that the continued functioning of the modified object
  code is in no case prevented or interfered with solely because
  modification has been made.

- __If you convey an object code work under this section in, or with, or
+ If you convey an object code work under this section in, or with, or
  specifically for use in, a User Product, and the conveying occurs as
  part of a transaction in which the right of possession and use of the
  User Product is transferred to the recipient in perpetuity or for a
  modified object code on the User Product (for example, the work has
  been installed in ROM).
```

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```
-  __The requirement to provide Installation Information does not include a
+ The requirement to provide Installation Information does not include a
   requirement to continue to provide support service, warranty, or updates
   for a work that has been modified or installed by the recipient, or for
   the User Product in which it has been modified or installed.  Access to a
   network may be denied when the modification itself materially and
   adversely affects the operation of the network or violates the rules and
   protocols for communication across the network.

-  __Corresponding Source conveyed, and Installation Information provided,
+ Corresponding Source conveyed, and Installation Information provided,
   in accord with this section must be in a format that is publicly
   documented (and with an implementation available to the public in
   source code form), and must require no special password or key for
   unpacking, reading or copying.

-  __7. Additional Terms.
+ 7. Additional Terms.

-  __"Additional permissions" are terms that supplement the terms of this
+ "Additional permissions" are terms that supplement the terms of this
   License by making exceptions from one or more of its conditions.
   Additional permissions that are applicable to the entire Program shall
   be treated as though they were included in this License, to the extent
   under those permissions, but the entire Program remains governed by
   this License without regard to the additional permissions.

-  __When you convey a copy of a covered work, you may at your option
+ When you convey a copy of a covered work, you may at your option
   remove any additional permissions from that copy, or from any part of
   it.  (Additional permissions may be written to require their own
   removal in certain cases when you modify the work.)  You may place
   additional permissions on material, added by you to a covered work,
   for which you have or can give appropriate copyright permission.

-  __Notwithstanding any other provision of this License, for material you
+ Notwithstanding any other provision of this License, for material you
   add to a covered work, you may (if authorized by the copyright holders of
   that material) supplement the terms of this License with terms:

-  ____a) Disclaiming warranty or limiting liability differently from the
-  ____terms of sections 15 and 16 of this License; or
+ a) Disclaiming warranty or limiting liability differently from the
+ terms of sections 15 and 16 of this License; or

-  ____b) Requiring preservation of specified reasonable legal notices or
-  ____author attributions in that material or in the Appropriate Legal
-  ____Notices displayed by works containing it; or
+ b) Requiring preservation of specified reasonable legal notices or
+ author attributions in that material or in the Appropriate Legal
+ Notices displayed by works containing it; or

-  ____c) Prohibiting misrepresentation of the origin of that material, or
-  ____requiring that modified versions of such material be marked in
-  ____reasonable ways as different from the original version; or
+ c) Prohibiting misrepresentation of the origin of that material, or
+ requiring that modified versions of such material be marked in
+ reasonable ways as different from the original version; or

-  ____d) Limiting the use for publicity purposes of names of licensors or
-  ____authors of the material; or
+ d) Limiting the use for publicity purposes of names of licensors or
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365 + authors of the material; or
366
383
384 -     e) Declining to grant rights under trademark law for use of some
385 -     trade names, trademarks, or service marks; or
367 + e) Declining to grant rights under trademark law for use of some
368 + trade names, trademarks, or service marks; or
386 369
387 -     f) Requiring indemnification of licensors and authors of that
388 -     material by anyone who conveys the material (or modified versions of
389 -     it) with contractual assumptions of liability to the recipient, for
390 -     any liability that these contractual assumptions directly impose on
391 -     those licensors and authors.
370 + f) Requiring indemnification of licensors and authors of that
371 + material by anyone who conveys the material (or modified versions of
372 + it) with contractual assumptions of liability to the recipient, for
373 + any liability that these contractual assumptions directly impose on
374 + those licensors and authors.
392 375
393 -   All other non-permissive additional terms are considered "further
376 + All other non-permissive additional terms are considered "further
394 377   restrictions" within the meaning of section 10.  If the Program as you
395 378   received it, or any part of it, contains a notice stating that it is
396 -   governed by this License along with a term that is a further restriction,
397 -   you may remove that term.  If a license document contains a further
398 -   restriction but permits relicensing or conveying under this License, you
399 -   may add to a covered work material governed by the terms of that license
400 -   document, provided that the further restriction does not survive such
401 -   relicensing or conveying.
402 -
403 -   If you add terms to a covered work in accord with this section, you
379 + governed by this License along with a term that is a further
380 + restriction, you may remove that term.  If a license document contains
381 + a further restriction but permits relicensing or conveying under this
382 + License, you may add to a covered work material governed by the terms
383 + of that license document, provided that the further restriction does
384 + not survive such relicensing or conveying.
385 +
386 + If you add terms to a covered work in accord with this section, you
404 387   must place, in the relevant source files, a statement of the
405 388   additional terms that apply to those files, or a notice indicating
406 389   where to find the applicable terms.
407 390
408 -   Additional terms, permissive or non-permissive, may be stated in the
391 + Additional terms, permissive or non-permissive, may be stated in the
409 392   form of a separately written license, or stated as exceptions;
410 393   the above requirements apply either way.
411 394
412 -   8. Termination.
395 + 8. Termination.
413 396
414 -   You may not propagate or modify a covered work except as expressly
397 + You may not propagate or modify a covered work except as expressly
415 398   provided under this License.  Any attempt otherwise to propagate or
416 399   modify it is void, and will automatically terminate your rights under
417 400   this License (including any patent licenses granted under the third
418 401   paragraph of section 11).
419 402
420 -   However, if you cease all violation of this License, then your
403 + However, if you cease all violation of this License, then your
421 404   license from a particular copyright holder is reinstated (a)
422 405   provisionally, unless and until the copyright holder explicitly and
423 406   finally terminates your license, and (b) permanently, if the copyright
424 407   holder fails to notify you of the violation by some reasonable means
```

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prior to 60 days after the cessation.

- __Moreover, your license from a particular copyright holder is
+ Moreover, your license from a particular copyright holder is
reinstated permanently if the copyright holder notifies you of the
violation by some reasonable means, this is the first time you have
received notice of violation of this License (for any work) from that
copyright holder, and you cure the violation prior to 30 days after
your receipt of the notice.

- __Termination of your rights under this section does not terminate the
+ Termination of your rights under this section does not terminate the
licenses of parties who have received copies or rights from you under
this License.  If your rights have been terminated and not permanently
reinstated, you do not qualify to receive new licenses for the same
material under section 10.

- __9. Acceptance Not Required for Having Copies.
+ 9. Acceptance Not Required for Having Copies.

- __You are not required to accept this License in order to receive or
+ You are not required to accept this License in order to receive or
run a copy of the Program.  Ancillary propagation of a covered work
occurring solely as a consequence of using peer-to-peer transmission
to receive a copy likewise does not require acceptance.  However,
not accept this License.  Therefore, by modifying or propagating a
covered work, you indicate your acceptance of this License to do so.

- __10. Automatic Licensing of Downstream Recipients.
+ 10. Automatic Licensing of Downstream Recipients.

- __Each time you convey a covered work, the recipient automatically
+ Each time you convey a covered work, the recipient automatically
receives a license from the original licensors, to run, modify and
propagate that work, subject to this License.  You are not responsible
for enforcing compliance by third parties with this License.

- __An "entity transaction" is a transaction transferring control of an
+ An "entity transaction" is a transaction transferring control of an
organization, or substantially all assets of one, or subdividing an
organization, or merging organizations.  If propagation of a covered
work results from an entity transaction, each party to that
Corresponding Source of the work from the predecessor in interest, if
the predecessor has it or can get it with reasonable efforts.

- __You may not impose any further restrictions on the exercise of the
+ You may not impose any further restrictions on the exercise of the
rights granted or affirmed under this License.  For example, you may
not impose a license fee, royalty, or other charge for exercise of
rights granted under this License, and you may not initiate litigation
(including a cross-claim or counterclaim in a lawsuit) alleging that
any patent claim is infringed by making, using, selling, offering for
sale, or importing the Program or any portion of it.

- __11. Patents.
+ 11. Patents.

- __A "contributor" is a copyright holder who authorizes use under this
+ A "contributor" is a copyright holder who authorizes use under this
License of the Program or a work on which the Program is based.  The
work thus licensed is called the contributor's "contributor version".

- __A contributor's "essential patent claims" are all patent claims
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```
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- ____Corresponding Source, you remain obligated to ensure that it is
- ____available for as long as needed to satisfy these requirements.
-
- ____e) Convey the object code using peer-to-peer transmission, provided
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- ____Source of the work are being offered to the general public at no
- ____charge under subsection 6d.
-
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+ Corresponding Source fixed on a durable physical medium
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+
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+
+ c) Convey individual copies of the object code with a copy of the
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+
+ d) Convey the object code by offering access from a designated
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+ Corresponding Source, you remain obligated to ensure that it is
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+ e) Convey the object code using peer-to-peer transmission, provided
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  a publicly accessible server, gives the public access to the source
  code of the modified version.

- __An older license, called the Affero General Public License and
+ An older license, called the Affero General Public License and
  published by Affero, was designed to accomplish similar goals.  This is
  a different license, not a version of the Affero GPL, but Affero has
  released a new version of the Affero GPL which permits relicensing under
  this license.

- __The precise terms and conditions for copying, distribution and
+ The precise terms and conditions for copying, distribution and
  modification follow.

- _____TERMS AND CONDITIONS
+ TERMS AND CONDITIONS

- __0. Definitions.
+ 0. Definitions.

-   "This License" refers to version 3 of the GNU Affero General Public
- License.
+ "This License" refers to version 3 of the GNU Affero General Public License.

- __"Copyright" also means copyright-like laws that apply to other kinds
- of works, such as semiconductor masks.
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+ works, such as semiconductor masks.

- __"The Program" refers to any copyrightable work licensed under this
+ "The Program" refers to any copyrightable work licensed under this
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```
License.  Each licensee is addressed as "you".  "Licensees" and
"recipients" may be individuals or organizations.

- __To "modify" a work means to copy from or adapt all or part of the work
+ To "modify" a work means to copy from or adapt all or part of the work
in a fashion requiring copyright permission, other than the making of an
exact copy.  The resulting work is called a "modified version" of the
earlier work or a work "based on" the earlier work.

- __A "covered work" means either the unmodified Program or a work based
+ A "covered work" means either the unmodified Program or a work based
on the Program.

- __To "propagate" a work means to do anything with it that, without
+ To "propagate" a work means to do anything with it that, without
permission, would make you directly or secondarily liable for
infringement under applicable copyright law, except executing it on a
computer or modifying a private copy.  Propagation includes copying,
distribution (with or without modification), making available to the
public, and in some countries other activities as well.

- __To "convey" a work means any kind of propagation that enables other
+ To "convey" a work means any kind of propagation that enables other
parties to make or receive copies.  Mere interaction with a user through
a computer network, with no transfer of a copy, is not conveying.

- __An interactive user interface displays "Appropriate Legal Notices"
+ An interactive user interface displays "Appropriate Legal Notices"
to the extent that it includes a convenient and prominently visible
feature that (1) displays an appropriate copyright notice, and (2)
tells the user that there is no warranty for the work (except to the
the interface presents a list of user commands or options, such as a
menu, a prominent item in the list meets this criterion.

- __1. Source Code.
+ 1. Source Code.

- __The "source code" for a work means the preferred form of the work
+ The "source code" for a work means the preferred form of the work
for making modifications to it.  "Object code" means any non-source
form of a work.

- __A "Standard Interface" means an interface that either is an official
+ A "Standard Interface" means an interface that either is an official
standard defined by a recognized standards body, or, in the case of
interfaces specified for a particular programming language, one that
is widely used among developers working in that language.

- __The "System Libraries" of an executable work include anything, other
+ The "System Libraries" of an executable work include anything, other
than the work as a whole, that (a) is included in the normal form of
packaging a Major Component, but which is not part of that Major
Component, and (b) serves only to enable use of the work with that
(if any) on which the executable work runs, or a compiler used to
produce the work, or an object code interpreter used to run it.

- __The "Corresponding Source" for a work in object code form means all
+ The "Corresponding Source" for a work in object code form means all
the source code needed to generate, install, and (for an executable
work) run the object code and to modify the work, including scripts to
control those activities.  However, it does not include the work's
such as by intimate data communication or control flow between those
subprograms and other parts of the work.
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- __The Corresponding Source need not include anything that users
+ The Corresponding Source need not include anything that users
  can regenerate automatically from other parts of the Corresponding
  Source.

- __The Corresponding Source for a work in source code form is that
+ The Corresponding Source for a work in source code form is that
  same work.

- __2. Basic Permissions.
+ 2. Basic Permissions.

- __All rights granted under this License are granted for the term of
+ All rights granted under this License are granted for the term of
  copyright on the Program, and are irrevocable provided the stated
  conditions are met.  This License explicitly affirms your unlimited
  permission to run the unmodified Program.  The output from running a
  covered work is covered by this License only if the output, given its
  content, constitutes a covered work.  This License acknowledges your
  rights of fair use or other equivalent, as provided by copyright law.

- __You may make, run and propagate covered works that you do not
+ You may make, run and propagate covered works that you do not
  convey, without conditions so long as your license otherwise remains
  in force.  You may convey covered works to others for the sole purpose
  of having them make modifications exclusively for you, or provide you
  and control, on terms that prohibit them from making any copies of
  your copyrighted material outside their relationship with you.

- __Conveying under any other circumstances is permitted solely under
+ Conveying under any other circumstances is permitted solely under
  the conditions stated below.  Sublicensing is not allowed; section 10
  makes it unnecessary.

- __3. Protecting Users' Legal Rights From Anti-Circumvention Law.
+ 3. Protecting Users' Legal Rights From Anti-Circumvention Law.

- __No covered work shall be deemed part of an effective technological
+ No covered work shall be deemed part of an effective technological
  measure under any applicable law fulfilling obligations under article
  11 of the WIPO copyright treaty adopted on 20 December 1996, or
  similar laws prohibiting or restricting circumvention of such
  measures.

- __When you convey a covered work, you waive any legal power to forbid
+ When you convey a covered work, you waive any legal power to forbid
  circumvention of technological measures to the extent such circumvention
  is effected by exercising rights under this License with respect to
  the covered work, and you disclaim any intention to limit operation or
  modification of the work as a means of enforcing, against the work's
  users, your or third parties' legal rights to forbid circumvention of
  technological measures.

- __4. Conveying Verbatim Copies.
+ 4. Conveying Verbatim Copies.

- __You may convey verbatim copies of the Program's source code as you
+ You may convey verbatim copies of the Program's source code as you
  receive it, in any medium, provided that you conspicuously and
  appropriately publish on each copy an appropriate copyright notice;
  keep intact all notices stating that this License and any
  non-permissive terms added in accord with section 7 apply to the code;
```

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```
keep intact all notices of the absence of any warranty; and give all
recipients a copy of this License along with the Program.

- __You may charge any price or no price for each copy that you convey,
+ You may charge any price or no price for each copy that you convey,
and you may offer support or warranty protection for a fee.

- __5. Conveying Modified Source Versions.
+ 5. Conveying Modified Source Versions.

- __You may convey a work based on the Program, or the modifications to
+ You may convey a work based on the Program, or the modifications to
produce it from the Program, in the form of source code under the
terms of section 4, provided that you also meet all of these conditions:

- ____a) The work must carry prominent notices stating that you modified
- ____it, and giving a relevant date.
+ a) The work must carry prominent notices stating that you modified
+ it, and giving a relevant date.

- ____b) The work must carry prominent notices stating that it is
- ____released under this License and any conditions added under section
- ____7.  This requirement modifies the requirement in section 4 to
- ____"keep intact all notices".
+ b) The work must carry prominent notices stating that it is
+ released under this License and any conditions added under section
+ 7.  This requirement modifies the requirement in section 4 to
+ "keep intact all notices".

- ____c) You must license the entire work, as a whole, under this
- ____License to anyone who comes into possession of a copy.  This
- ____License will therefore apply, along with any applicable section 7
- ____additional terms, to the whole of the work, and all its parts,
- ____regardless of how they are packaged.  This License gives no
- ____permission to license the work in any other way, but it does not
- ____invalidate such permission if you have separately received it.
+ c) You must license the entire work, as a whole, under this
+ License to anyone who comes into possession of a copy.  This
+ License will therefore apply, along with any applicable section 7
+ additional terms, to the whole of the work, and all its parts,
+ regardless of how they are packaged.  This License gives no
+ permission to license the work in any other way, but it does not
+ invalidate such permission if you have separately received it.

- ____d) If the work has interactive user interfaces, each must display
- ____Appropriate Legal Notices; however, if the Program has interactive
- ____interfaces that do not display Appropriate Legal Notices, your
- ____work need not make them do so.
+ d) If the work has interactive user interfaces, each must display
+ Appropriate Legal Notices; however, if the Program has interactive
+ interfaces that do not display Appropriate Legal Notices, your
+ work need not make them do so.

- __A compilation of a covered work with other separate and independent
+ A compilation of a covered work with other separate and independent
works, which are not by their nature extensions of the covered work,
and which are not combined with it such as to form a larger program,
in or on a volume of a storage or distribution medium, is called an
in an aggregate does not cause this License to apply to the other
parts of the aggregate.

- __6. Conveying Non-Source Forms.
+ 6. Conveying Non-Source Forms.
```

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```
-  You may convey a covered work in object code form under the terms
+ You may convey a covered work in object code form under the terms
  of sections 4 and 5, provided that you also convey the
  machine-readable Corresponding Source under the terms of this License,
  in one of these ways:

-    a) Convey the object code in, or embodied in, a physical product
-    (including a physical distribution medium), accompanied by the
-    Corresponding Source fixed on a durable physical medium
-    customarily used for software interchange.
-
-    b) Convey the object code in, or embodied in, a physical product
-    (including a physical distribution medium), accompanied by a
-    written offer, valid for at least three years and valid for as
-    long as you offer spare parts or customer support for that product
-    model, to give anyone who possesses the object code either (1) a
-    copy of the Corresponding Source for all the software in the
-    product that is covered by this License, on a durable physical
-    medium customarily used for software interchange, for a price no
-    more than your reasonable cost of physically performing this
-    conveying of source, or (2) access to copy the
-    Corresponding Source from a network server at no charge.
-
-    c) Convey individual copies of the object code with a copy of the
-    written offer to provide the Corresponding Source.  This
-    alternative is allowed only occasionally and noncommercially, and
-    only if you received the object code with such an offer, in accord
-    with subsection 6b.
-
-    d) Convey the object code by offering access from a designated
-    place (gratis or for a charge), and offer equivalent access to the
-    Corresponding Source in the same way through the same place at no
-    further charge.  You need not require recipients to copy the
-    Corresponding Source along with the object code.  If the place to
-    copy the object code is a network server, the Corresponding Source
-    may be on a different server (operated by you or a third party)
-    that supports equivalent copying facilities, provided you maintain
-    clear directions next to the object code saying where to find the
-    Corresponding Source.  Regardless of what server hosts the
-    Corresponding Source, you remain obligated to ensure that it is
-    available for as long as needed to satisfy these requirements.
-
-    e) Convey the object code using peer-to-peer transmission, provided
-    you inform other peers where the object code and Corresponding
-    Source of the work are being offered to the general public at no
-    charge under subsection 6d.
-
-  A separable portion of the object code, whose source code is excluded
+ a) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by the
+ Corresponding Source fixed on a durable physical medium
+ customarily used for software interchange.
+
+ b) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by a
+ written offer, valid for at least three years and valid for as
+ long as you offer spare parts or customer support for that product
+ model, to give anyone who possesses the object code either (1) a
+ copy of the Corresponding Source for all the software in the
+ product that is covered by this License, on a durable physical
+ medium customarily used for software interchange, for a price no
+ more than your reasonable cost of physically performing this
```

```
+ conveying of source, or (2) access to copy the
+ Corresponding Source from a network server at no charge.
+
+ c) Convey individual copies of the object code with a copy of the
+ written offer to provide the Corresponding Source.  This
+ alternative is allowed only occasionally and noncommercially, and
+ only if you received the object code with such an offer, in accord
+ with subsection 6b.
+
+ d) Convey the object code by offering access from a designated
+ place (gratis or for a charge), and offer equivalent access to the
+ Corresponding Source in the same way through the same place at no
+ further charge.  You need not require recipients to copy the
+ Corresponding Source along with the object code.  If the place to
+ copy the object code is a network server, the Corresponding Source
+ may be on a different server (operated by you or a third party)
+ that supports equivalent copying facilities, provided you maintain
+ clear directions next to the object code saying where to find the
+ Corresponding Source.  Regardless of what server hosts the
+ Corresponding Source, you remain obligated to ensure that it is
+ available for as long as needed to satisfy these requirements.
+
+ e) Convey the object code using peer-to-peer transmission, provided
+ you inform other peers where the object code and Corresponding
+ Source of the work are being offered to the general public at no
+ charge under subsection 6d.
+
+ A separable portion of the object code, whose source code is excluded
  from the Corresponding Source as a System Library, need not be
  included in conveying the object code work.

- __A "User Product" is either (1) a "consumer product", which means any
+ A "User Product" is either (1) a "consumer product", which means any
  tangible personal property which is normally used for personal, family,
  or household purposes, or (2) anything designed or sold for incorporation
  into a dwelling.  In determining whether a product is a consumer product,
  commercial, industrial or non-consumer uses, unless such uses represent
  the only significant mode of use of the product.

- __"Installation Information" for a User Product means any methods,
+ "Installation Information" for a User Product means any methods,
  procedures, authorization keys, or other information required to install
  and execute modified versions of a covered work in that User Product from
  a modified version of its Corresponding Source.  The information must
  suffice to ensure that the continued functioning of the modified object
  code is in no case prevented or interfered with solely because
  modification has been made.

- __If you convey an object code work under this section in, or with, or
+ If you convey an object code work under this section in, or with, or
  specifically for use in, a User Product, and the conveying occurs as
  part of a transaction in which the right of possession and use of the
  User Product is transferred to the recipient in perpetuity or for a
  modified object code on the User Product (for example, the work has
  been installed in ROM).

- __The requirement to provide Installation Information does not include a
+ The requirement to provide Installation Information does not include a
  requirement to continue to provide support service, warranty, or updates
  for a work that has been modified or installed by the recipient, or for
  the User Product in which it has been modified or installed.  Access to a
  network may be denied when the modification itself materially and
  adversely affects the operation of the network or violates the rules and
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```
protocols for communication across the network.

- __Corresponding Source conveyed, and Installation Information provided,
+ Corresponding Source conveyed, and Installation Information provided,
in accord with this section must be in a format that is publicly
documented (and with an implementation available to the public in
source code form), and must require no special password or key for
unpacking, reading or copying.

- __7. Additional Terms.
+ 7. Additional Terms.

- __"Additional permissions" are terms that supplement the terms of this
+ "Additional permissions" are terms that supplement the terms of this
License by making exceptions from one or more of its conditions.
Additional permissions that are applicable to the entire Program shall
be treated as though they were included in this License, to the extent
under those permissions, but the entire Program remains governed by
this License without regard to the additional permissions.

- __When you convey a copy of a covered work, you may at your option
+ When you convey a copy of a covered work, you may at your option
remove any additional permissions from that copy, or from any part of
it.  (Additional permissions may be written to require their own
removal in certain cases when you modify the work.)  You may place
additional permissions on material, added by you to a covered work,
for which you have or can give appropriate copyright permission.

- __Notwithstanding any other provision of this License, for material you
+ Notwithstanding any other provision of this License, for material you
add to a covered work, you may (if authorized by the copyright holders of
that material) supplement the terms of this License with terms:

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- ____terms of sections 15 and 16 of this License; or
+ a) Disclaiming warranty or limiting liability differently from the
+ terms of sections 15 and 16 of this License; or

- ____b) Requiring preservation of specified reasonable legal notices or
- ____author attributions in that material or in the Appropriate Legal
- ____Notices displayed by works containing it; or
+ b) Requiring preservation of specified reasonable legal notices or
+ author attributions in that material or in the Appropriate Legal
+ Notices displayed by works containing it; or

- ____c) Prohibiting misrepresentation of the origin of that material, or
- ____requiring that modified versions of such material be marked in
- ____reasonable ways as different from the original version; or
+ c) Prohibiting misrepresentation of the origin of that material, or
+ requiring that modified versions of such material be marked in
+ reasonable ways as different from the original version; or

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+ d) Limiting the use for publicity purposes of names of licensors or
+ authors of the material; or

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+ e) Declining to grant rights under trademark law for use of some
+ trade names, trademarks, or service marks; or

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- material by anyone who conveys the material (or modified versions of
- it) with contractual assumptions of liability to the recipient, for
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+ All other non-permissive additional terms are considered "further
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-
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+ License, you may add to a covered work material governed by the terms
+ of that license document, provided that the further restriction does
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+
+ If you add terms to a covered work in accord with this section, you
  must place, in the relevant source files, a statement of the
  additional terms that apply to those files, or a notice indicating
  where to find the applicable terms.

- Additional terms, permissive or non-permissive, may be stated in the
+ Additional terms, permissive or non-permissive, may be stated in the
  form of a separately written license, or stated as exceptions;
  the above requirements apply either way.

- 8. Termination.
+ 8. Termination.

- You may not propagate or modify a covered work except as expressly
+ You may not propagate or modify a covered work except as expressly
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  modify it is void, and will automatically terminate your rights under
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- Moreover, your license from a particular copyright holder is
+ Moreover, your license from a particular copyright holder is
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  received notice of violation of this License (for any work) from that
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+ 9. Acceptance Not Required for Having Copies.

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+ You are not required to accept this License in order to receive or
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covered work, you indicate your acceptance of this License to do so.

- __10. Automatic Licensing of Downstream Recipients.
+ 10. Automatic Licensing of Downstream Recipients.

- __Each time you convey a covered work, the recipient automatically
+ Each time you convey a covered work, the recipient automatically
receives a license from the original licensors, to run, modify and
propagate that work, subject to this License.  You are not responsible
for enforcing compliance by third parties with this License.

- __An "entity transaction" is a transaction transferring control of an
+ An "entity transaction" is a transaction transferring control of an
organization, or substantially all assets of one, or subdividing an
organization, or merging organizations.  If propagation of a covered
work results from an entity transaction, each party to that
Corresponding Source of the work from the predecessor in interest, if
the predecessor has it or can get it with reasonable efforts.

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+ You may not impose any further restrictions on the exercise of the
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- __11. Patents.
+ 11. Patents.

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+ A "contributor" is a copyright holder who authorizes use under this
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work thus licensed is called the contributor's "contributor version".

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+ A contributor's "essential patent claims" are all patent claims
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hereafter acquired, that would be infringed by some manner, permitted
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- __Each contributor grants you a non-exclusive, worldwide, royalty-free
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+ In the following three paragraphs, a "patent license" is any express
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  (such as an express permission to practice a patent or covenant not to
  sue for patent infringement).  To "grant" such a patent license to a
  party means to make such an agreement or commitment not to enforce a
  patent against the party.

- __If you convey a covered work, knowingly relying on a patent license,
+ If you convey a covered work, knowingly relying on a patent license,
  and the Corresponding Source of the work is not available for anyone
  to copy, free of charge and under the terms of this License, through a
  publicly available network server or other readily accessible means,
  in a country, would infringe one or more identifiable patents in that
  country that you have reason to believe are valid.

- __If, pursuant to or in connection with a single transaction or
+ If, pursuant to or in connection with a single transaction or
  arrangement, you convey, or propagate by procuring conveyance of, a
  covered work, and grant a patent license to some of the parties
  receiving the covered work authorizing them to use, propagate, modify
  or convey a specific copy of the covered work, then the patent license
  you grant is automatically extended to all recipients of the covered
  work and works based on it.

- __A patent license is "discriminatory" if it does not include within
+ A patent license is "discriminatory" if it does not include within
  the scope of its coverage, prohibits the exercise of, or is
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  contain the covered work, unless you entered into that arrangement,
  or that patent license was granted, prior to 28 March 2007.

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+ 12. No Surrender of Others' Freedom.

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+ 13. Remote Network Interaction; Use with the GNU General Public License.

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+ Notwithstanding any other provision of this License, if you modify the
  Program, your modified version must prominently offer all users
  interacting with it remotely through a computer network (if your version
  supports such interaction) an opportunity to receive the Corresponding
  of the GNU General Public License that is incorporated pursuant to the
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551 551   following paragraph.
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+ 17. Interpretation of Sections 15 and 16.

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+ If the disclaimer of warranty and limitation of liability provided
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+ How to Apply These Terms to Your New Programs

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+ If you develop a new program, and you want it to be of the greatest
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- __To do so, attach the following notices to the program.  It is safest
+ To do so, attach the following notices to the program.  It is safest
to attach them to the start of each source file to most effectively
state the exclusion of warranty; and each file should have at least
the "copyright" line and a pointer to where the full notice is found.

- ____<one line to give the program's name and a brief idea of what it does.>
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+ <one line to give the program's name and a brief idea of what it does.>
+ Copyright (C) <year>  <name of author>

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649 648   Also add information on how to contact you by electronic and paper mail.
650 649
651     - __If your software can interact with users remotely through a computer
650 + If your software can interact with users remotely through a computer
652 651   network, you should also make sure that it provides a way for users to
653 652   get its source.  For example, if your program is a web application, its
654 653   interface could display a "Source" link that leads users to an archive
655 654   of the code.  There are many ways you could offer source, and different
656 655   solutions will be better for different programs; see section 13 for the
657 656   specific requirements.
658 657
659     - __You should also get your employer (if you work as a programmer) or school,
658 + You should also get your employer (if you work as a programmer) or school,
660 659   if any, to sign a "copyright disclaimer" for the program, if necessary.
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2 packaging/standalone/LICENSE.txt

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13 + of the GNU AFFERO GENERAL PUBLIC LICENSE Version 3 as follows:
14 14
15 15
16 16
```

486 stresstests/LICENSE.txt

```
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2        - This package contains software licensed under different
3        - licenses, please refer to the NOTICE.txt file for further
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5    3
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  have the freedom to distribute copies of free software (and charge for
  them if you wish), that you receive source code or can get it if you
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  with two steps: (1) assert copyright on the software, and (2) offer
  you this License which gives you legal permission to copy, distribute
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- __A secondary benefit of defending all users' freedom is that
+ A secondary benefit of defending all users' freedom is that
  improvements made in alternate versions of the program, if they
  receive widespread use, become available for other developers to
  incorporate.  Many developers of free software are heartened and
  letting the public access it on a server without ever releasing its
  source code to the public.

- __The GNU Affero General Public License is designed specifically to
+ The GNU Affero General Public License is designed specifically to
  ensure that, in such cases, the modified source code becomes available
  to the community.  It requires the operator of a network server to
  provide the source code of the modified version running there to the
  users of that server.  Therefore, public use of a modified version, on
```

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```
a publicly accessible server, gives the public access to the source
code of the modified version.

- An older license, called the Affero General Public License and
+ An older license, called the Affero General Public License and
published by Affero, was designed to accomplish similar goals.  This is
a different license, not a version of the Affero GPL, but Affero has
released a new version of the Affero GPL which permits relicensing under
this license.

- The precise terms and conditions for copying, distribution and
+ The precise terms and conditions for copying, distribution and
modification follow.

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+ TERMS AND CONDITIONS
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-  0. Definitions.
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+ "Copyright" also means copyright-like laws that apply to other kinds of
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+ To "modify" a work means to copy from or adapt all or part of the work
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exact copy.  The resulting work is called a "modified version" of the
earlier work or a work "based on" the earlier work.

- A "covered work" means either the unmodified Program or a work based
+ A "covered work" means either the unmodified Program or a work based
on the Program.

- To "propagate" a work means to do anything with it that, without
+ To "propagate" a work means to do anything with it that, without
permission, would make you directly or secondarily liable for
infringement under applicable copyright law, except executing it on a
computer or modifying a private copy.  Propagation includes copying,
distribution (with or without modification), making available to the
public, and in some countries other activities as well.

- To "convey" a work means any kind of propagation that enables other
+ To "convey" a work means any kind of propagation that enables other
parties to make or receive copies.  Mere interaction with a user through
a computer network, with no transfer of a copy, is not conveying.

- An interactive user interface displays "Appropriate Legal Notices"
+ An interactive user interface displays "Appropriate Legal Notices"
to the extent that it includes a convenient and prominently visible
feature that (1) displays an appropriate copyright notice, and (2)
tells the user that there is no warranty for the work (except to the
```

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```
97    the interface presents a list of user commands or options, such as a
98    menu, a prominent item in the list meets this criterion.
99
-     __1. Source Code.
100   + 1. Source Code.
101
-     __The "source code" for a work means the preferred form of the work
102   + The "source code" for a work means the preferred form of the work
103   for making modifications to it.  "Object code" means any non-source
104   form of a work.
105
-     __A "Standard Interface" means an interface that either is an official
106   + A "Standard Interface" means an interface that either is an official
107   standard defined by a recognized standards body, or, in the case of
108   interfaces specified for a particular programming language, one that
109   is widely used among developers working in that language.
110
-     __The "System Libraries" of an executable work include anything, other
111   + The "System Libraries" of an executable work include anything, other
112   than the work as a whole, that (a) is included in the normal form of
113   packaging a Major Component, but which is not part of that Major
114   Component, and (b) serves only to enable use of the work with that
119   (if any) on which the executable work runs, or a compiler used to
120   produce the work, or an object code interpreter used to run it.
121
-     __The "Corresponding Source" for a work in object code form means all
122   + The "Corresponding Source" for a work in object code form means all
123   the source code needed to generate, install, and (for an executable
124   work) run the object code and to modify the work, including scripts to
125   control those activities.  However, it does not include the work's
132   such as by intimate data communication or control flow between those
133   subprograms and other parts of the work.
134
-     __The Corresponding Source need not include anything that users
135   + The Corresponding Source need not include anything that users
136   can regenerate automatically from other parts of the Corresponding
137   Source.
138
-     __The Corresponding Source for a work in source code form is that
139   + The Corresponding Source for a work in source code form is that
140   same work.
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142   + 2. Basic Permissions.
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144   + All rights granted under this License are granted for the term of
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146   conditions are met.  This License explicitly affirms your unlimited
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148   covered work is covered by this License only if the output, given its
149   content, constitutes a covered work.  This License acknowledges your
150   rights of fair use or other equivalent, as provided by copyright law.
151
-     __You may make, run and propagate covered works that you do not
152   + You may make, run and propagate covered works that you do not
153   convey, without conditions so long as your license otherwise remains
154   in force.  You may convey covered works to others for the sole purpose
155   of having them make modifications exclusively for you, or provide you
160   and control, on terms that prohibit them from making any copies of
161   your copyrighted material outside their relationship with you.
162
-     __Conveying under any other circumstances is permitted solely under
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```
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  makes it unnecessary.

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+ 3. Protecting Users' Legal Rights From Anti-Circumvention Law.

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+ No covered work shall be deemed part of an effective technological
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+ 4. Conveying Verbatim Copies.

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+ You may charge any price or no price for each copy that you convey,
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+ 5. Conveying Modified Source Versions.

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- ____a) The work must carry prominent notices stating that you modified
- ____it, and giving a relevant date.
+ a) The work must carry prominent notices stating that you modified
+ it, and giving a relevant date.

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- ____released under this License and any conditions added under section
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- ____"keep intact all notices".
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+ released under this License and any conditions added under section
+ 7.  This requirement modifies the requirement in section 4 to
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```
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-    Appropriate Legal Notices; however, if the Program has interactive
-    interfaces that do not display Appropriate Legal Notices, your
-    work need not make them do so.
+ d) If the work has interactive user interfaces, each must display
+ Appropriate Legal Notices; however, if the Program has interactive
+ interfaces that do not display Appropriate Legal Notices, your
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+ A compilation of a covered work with other separate and independent
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  in or on a volume of a storage or distribution medium, is called an
  in an aggregate does not cause this License to apply to the other
  parts of the aggregate.

-  6. Conveying Non-Source Forms.
+ 6. Conveying Non-Source Forms.

-  You may convey a covered work in object code form under the terms
+ You may convey a covered work in object code form under the terms
  of sections 4 and 5, provided that you also convey the
  machine-readable Corresponding Source under the terms of this License,
  in one of these ways:

-    a) Convey the object code in, or embodied in, a physical product
-    (including a physical distribution medium), accompanied by the
-    Corresponding Source fixed on a durable physical medium
-    customarily used for software interchange.
-
-    b) Convey the object code in, or embodied in, a physical product
-    (including a physical distribution medium), accompanied by a
-    written offer, valid for at least three years and valid for as
-    long as you offer spare parts or customer support for that product
-    model, to give anyone who possesses the object code either (1) a
-    copy of the Corresponding Source for all the software in the
-    product that is covered by this License, on a durable physical
-    medium customarily used for software interchange, for a price no
-    more than your reasonable cost of physically performing this
-    conveying of source, or (2) access to copy the
-    Corresponding Source from a network server at no charge.
-
-    c) Convey individual copies of the object code with a copy of the
-    written offer to provide the Corresponding Source.  This
-    alternative is allowed only occasionally and noncommercially, and
-    only if you received the object code with such an offer, in accord
-    with subsection 6b.
-
-    d) Convey the object code by offering access from a designated
```

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```
- ____place (gratis or for a charge), and offer equivalent access to the
- ____Corresponding Source in the same way through the same place at no
- ____further charge.  You need not require recipients to copy the
- ____Corresponding Source along with the object code.  If the place to
- ____copy the object code is a network server, the Corresponding Source
- ____may be on a different server (operated by you or a third party)
- ____that supports equivalent copying facilities, provided you maintain
- ____clear directions next to the object code saying where to find the
- ____Corresponding Source.  Regardless of what server hosts the
- ____Corresponding Source, you remain obligated to ensure that it is
- ____available for as long as needed to satisfy these requirements.
-
- ____e) Convey the object code using peer-to-peer transmission, provided
- ____you inform other peers where the object code and Corresponding
- ____Source of the work are being offered to the general public at no
- ____charge under subsection 6d.
-
- __A separable portion of the object code, whose source code is excluded
+ a) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by the
+ Corresponding Source fixed on a durable physical medium
+ customarily used for software interchange.
+
+ b) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by a
+ written offer, valid for at least three years and valid for as
+ long as you offer spare parts or customer support for that product
+ model, to give anyone who possesses the object code either (1) a
+ copy of the Corresponding Source for all the software in the
+ product that is covered by this License, on a durable physical
+ medium customarily used for software interchange, for a price no
+ more than your reasonable cost of physically performing this
+ conveying of source, or (2) access to copy the
+ Corresponding Source from a network server at no charge.
+
+ c) Convey individual copies of the object code with a copy of the
+ written offer to provide the Corresponding Source.  This
+ alternative is allowed only occasionally and noncommercially, and
+ only if you received the object code with such an offer, in accord
+ with subsection 6b.
+
+ d) Convey the object code by offering access from a designated
+ place (gratis or for a charge), and offer equivalent access to the
+ Corresponding Source in the same way through the same place at no
+ further charge.  You need not require recipients to copy the
+ Corresponding Source along with the object code.  If the place to
+ copy the object code is a network server, the Corresponding Source
+ may be on a different server (operated by you or a third party)
+ that supports equivalent copying facilities, provided you maintain
+ clear directions next to the object code saying where to find the
+ Corresponding Source.  Regardless of what server hosts the
+ Corresponding Source, you remain obligated to ensure that it is
+ available for as long as needed to satisfy these requirements.
+
+ e) Convey the object code using peer-to-peer transmission, provided
+ you inform other peers where the object code and Corresponding
+ Source of the work are being offered to the general public at no
+ charge under subsection 6d.
+
+ A separable portion of the object code, whose source code is excluded
  from the Corresponding Source as a System Library, need not be
  included in conveying the object code work.
```

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```
- __A "User Product" is either (1) a "consumer product", which means any
+ A "User Product" is either (1) a "consumer product", which means any
  tangible personal property which is normally used for personal, family,
  or household purposes, or (2) anything designed or sold for incorporation
  into a dwelling.  In determining whether a product is a consumer product,
  commercial, industrial or non-consumer uses, unless such uses represent
  the only significant mode of use of the product.

- __"Installation Information" for a User Product means any methods,
+ "Installation Information" for a User Product means any methods,
  procedures, authorization keys, or other information required to install
  and execute modified versions of a covered work in that User Product from
  a modified version of its Corresponding Source.  The information must
  suffice to ensure that the continued functioning of the modified object
  code is in no case prevented or interfered with solely because
  modification has been made.

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- __An interactive user interface displays "Appropriate Legal Notices"
+ An interactive user interface displays "Appropriate Legal Notices"
  to the extent that it includes a convenient and prominently visible
  feature that (1) displays an appropriate copyright notice, and (2)
  tells the user that there is no warranty for the work (except to the
  the interface presents a list of user commands or options, such as a
  menu, a prominent item in the list meets this criterion.

- __1. Source Code.
+ 1. Source Code.

- __The "source code" for a work means the preferred form of the work
+ The "source code" for a work means the preferred form of the work
  for making modifications to it.  "Object code" means any non-source
  form of a work.

- __A "Standard Interface" means an interface that either is an official
+ A "Standard Interface" means an interface that either is an official
  standard defined by a recognized standards body, or, in the case of
  interfaces specified for a particular programming language, one that
  is widely used among developers working in that language.

- __The "System Libraries" of an executable work include anything, other
+ The "System Libraries" of an executable work include anything, other
  than the work as a whole, that (a) is included in the normal form of
  packaging a Major Component, but which is not part of that Major
  Component, and (b) serves only to enable use of the work with that
  (if any) on which the executable work runs, or a compiler used to
  produce the work, or an object code interpreter used to run it.

- __The "Corresponding Source" for a work in object code form means all
+ The "Corresponding Source" for a work in object code form means all
```

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```
140 123   the source code needed to generate, install, and (for an executable
141 124   work) run the object code and to modify the work, including scripts to
142 125   control those activities.  However, it does not include the work's
149 132   such as by intimate data communication or control flow between those
150 133   subprograms and other parts of the work.
151 134
152       - __The Corresponding Source need not include anything that users
    135   + The Corresponding Source need not include anything that users
153 136   can regenerate automatically from other parts of the Corresponding
154 137   Source.
155 138
156       - __The Corresponding Source for a work in source code form is that
    139   + The Corresponding Source for a work in source code form is that
157 140   same work.
158 141
159       - __2. Basic Permissions.
    142   + 2. Basic Permissions.
160 143
161       - __All rights granted under this License are granted for the term of
    144   + All rights granted under this License are granted for the term of
162 145   copyright on the Program, and are irrevocable provided the stated
163 146   conditions are met.  This License explicitly affirms your unlimited
164 147   permission to run the unmodified Program.  The output from running a
165 148   covered work is covered by this License only if the output, given its
166 149   content, constitutes a covered work.  This License acknowledges your
167 150   rights of fair use or other equivalent, as provided by copyright law.
168 151
169       - __You may make, run and propagate covered works that you do not
    152   + You may make, run and propagate covered works that you do not
170 153   convey, without conditions so long as your license otherwise remains
171 154   in force.  You may convey covered works to others for the sole purpose
172 155   of having them make modifications exclusively for you, or provide you
177 160   and control, on terms that prohibit them from making any copies of
178 161   your copyrighted material outside their relationship with you.
179 162
180       - __Conveying under any other circumstances is permitted solely under
    163   + Conveying under any other circumstances is permitted solely under
181 164   the conditions stated below.  Sublicensing is not allowed; section 10
182 165   makes it unnecessary.
183 166
184       - __3. Protecting Users' Legal Rights From Anti-Circumvention Law.
    167   + 3. Protecting Users' Legal Rights From Anti-Circumvention Law.
185 168
186       - __No covered work shall be deemed part of an effective technological
    169   + No covered work shall be deemed part of an effective technological
187 170   measure under any applicable law fulfilling obligations under article
188 171   11 of the WIPO copyright treaty adopted on 20 December 1996, or
189 172   similar laws prohibiting or restricting circumvention of such
190 173   measures.
191 174
192       - __When you convey a covered work, you waive any legal power to forbid
    175   + When you convey a covered work, you waive any legal power to forbid
193 176   circumvention of technological measures to the extent such circumvention
194 177   is effected by exercising rights under this License with respect to
195 178   the covered work, and you disclaim any intention to limit operation or
196 179   modification of the work as a means of enforcing, against the work's
197 180   users, your or third parties' legal rights to forbid circumvention of
198 181   technological measures.
199 182
200       - __4. Conveying Verbatim Copies.
    183   + 4. Conveying Verbatim Copies.
201 184
202       - __You may convey verbatim copies of the Program's source code as you
```

```
@@ -185,43 +185,43 @@
+ You may convey verbatim copies of the Program's source code as you
  receive it, in any medium, provided that you conspicuously and
  appropriately publish on each copy an appropriate copyright notice;
  keep intact all notices stating that this License and any
  non-permissive terms added in accord with section 7 apply to the code;
  keep intact all notices of the absence of any warranty; and give all
  recipients a copy of this License along with the Program.

- __You may charge any price or no price for each copy that you convey,
+ You may charge any price or no price for each copy that you convey,
  and you may offer support or warranty protection for a fee.

- __5. Conveying Modified Source Versions.
+ 5. Conveying Modified Source Versions.

- __You may convey a work based on the Program, or the modifications to
+ You may convey a work based on the Program, or the modifications to
  produce it from the Program, in the form of source code under the
  terms of section 4, provided that you also meet all of these conditions:

- ____a) The work must carry prominent notices stating that you modified
- ____it, and giving a relevant date.
+ a) The work must carry prominent notices stating that you modified
+ it, and giving a relevant date.

- ____b) The work must carry prominent notices stating that it is
- ____released under this License and any conditions added under section
- ____7.  This requirement modifies the requirement in section 4 to
- ____"keep intact all notices".
+ b) The work must carry prominent notices stating that it is
+ released under this License and any conditions added under section
+ 7.  This requirement modifies the requirement in section 4 to
+ "keep intact all notices".

- ____c) You must license the entire work, as a whole, under this
- ____License to anyone who comes into possession of a copy.  This
- ____License will therefore apply, along with any applicable section 7
- ____additional terms, to the whole of the work, and all its parts,
- ____regardless of how they are packaged.  This License gives no
- ____permission to license the work in any other way, but it does not
- ____invalidate such permission if you have separately received it.
+ c) You must license the entire work, as a whole, under this
+ License to anyone who comes into possession of a copy.  This
+ License will therefore apply, along with any applicable section 7
+ additional terms, to the whole of the work, and all its parts,
+ regardless of how they are packaged.  This License gives no
+ permission to license the work in any other way, but it does not
+ invalidate such permission if you have separately received it.

- ____d) If the work has interactive user interfaces, each must display
- ____Appropriate Legal Notices; however, if the Program has interactive
- ____interfaces that do not display Appropriate Legal Notices, your
- ____work need not make them do so.
+ d) If the work has interactive user interfaces, each must display
+ Appropriate Legal Notices; however, if the Program has interactive
+ interfaces that do not display Appropriate Legal Notices, your
+ work need not make them do so.

- __A compilation of a covered work with other separate and independent
+ A compilation of a covered work with other separate and independent
  works, which are not by their nature extensions of the covered work,
  and which are not combined with it such as to form a larger program,
  in or on a volume of a storage or distribution medium, is called an
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```
  in an aggregate does not cause this License to apply to the other
  parts of the aggregate.

- __6. Conveying Non-Source Forms.
+ 6. Conveying Non-Source Forms.

- __You may convey a covered work in object code form under the terms
+ You may convey a covered work in object code form under the terms
  of sections 4 and 5, provided that you also convey the
  machine-readable Corresponding Source under the terms of this License,
  in one of these ways:

- ____a) Convey the object code in, or embodied in, a physical product
- ____(including a physical distribution medium), accompanied by the
- ____Corresponding Source fixed on a durable physical medium
- ____customarily used for software interchange.
-
- ____b) Convey the object code in, or embodied in, a physical product
- ____(including a physical distribution medium), accompanied by a
- ____written offer, valid for at least three years and valid for as
- ____long as you offer spare parts or customer support for that product
- ____model, to give anyone who possesses the object code either (1) a
- ____copy of the Corresponding Source for all the software in the
- ____product that is covered by this License, on a durable physical
- ____medium customarily used for software interchange, for a price no
- ____more than your reasonable cost of physically performing this
- ____conveying of source, or (2) access to copy the
- ____Corresponding Source from a network server at no charge.
-
- ____c) Convey individual copies of the object code with a copy of the
- ____written offer to provide the Corresponding Source.  This
- ____alternative is allowed only occasionally and noncommercially, and
- ____only if you received the object code with such an offer, in accord
- ____with subsection 6b.
-
- ____d) Convey the object code by offering access from a designated
- ____place (gratis or for a charge), and offer equivalent access to the
- ____Corresponding Source in the same way through the same place at no
- ____further charge.  You need not require recipients to copy the
- ____Corresponding Source along with the object code.  If the place to
- ____copy the object code is a network server, the Corresponding Source
- ____may be on a different server (operated by you or a third party)
- ____that supports equivalent copying facilities, provided you maintain
- ____clear directions next to the object code saying where to find the
- ____Corresponding Source.  Regardless of what server hosts the
- ____Corresponding Source, you remain obligated to ensure that it is
- ____available for as long as needed to satisfy these requirements.
-
- ____e) Convey the object code using peer-to-peer transmission, provided
- ____you inform other peers where the object code and Corresponding
- ____Source of the work are being offered to the general public at no
- ____charge under subsection 6d.
-
- __A separable portion of the object code, whose source code is excluded
+ a) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by the
+ Corresponding Source fixed on a durable physical medium
+ customarily used for software interchange.
+
+ b) Convey the object code in, or embodied in, a physical product
+ (including a physical distribution medium), accompanied by a
+ written offer, valid for at least three years and valid for as
+ long as you offer spare parts or customer support for that product
```

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```
+ model, to give anyone who possesses the object code either (1) a
+ copy of the Corresponding Source for all the software in the
+ product that is covered by this License, on a durable physical
+ medium customarily used for software interchange, for a price no
+ more than your reasonable cost of physically performing this
+ conveying of source, or (2) access to copy the
+ Corresponding Source from a network server at no charge.
+
+ c) Convey individual copies of the object code with a copy of the
+ written offer to provide the Corresponding Source.  This
+ alternative is allowed only occasionally and noncommercially, and
+ only if you received the object code with such an offer, in accord
+ with subsection 6b.
+
+ d) Convey the object code by offering access from a designated
+ place (gratis or for a charge), and offer equivalent access to the
+ Corresponding Source in the same way through the same place at no
+ further charge.  You need not require recipients to copy the
+ Corresponding Source along with the object code.  If the place to
+ copy the object code is a network server, the Corresponding Source
+ may be on a different server (operated by you or a third party)
+ that supports equivalent copying facilities, provided you maintain
+ clear directions next to the object code saying where to find the
+ Corresponding Source.  Regardless of what server hosts the
+ Corresponding Source, you remain obligated to ensure that it is
+ available for as long as needed to satisfy these requirements.
+
+ e) Convey the object code using peer-to-peer transmission, provided
+ you inform other peers where the object code and Corresponding
+ Source of the work are being offered to the general public at no
+ charge under subsection 6d.
+
+ A separable portion of the object code, whose source code is excluded
  from the Corresponding Source as a System Library, need not be
  included in conveying the object code work.

- __A "User Product" is either (1) a "consumer product", which means any
+ A "User Product" is either (1) a "consumer product", which means any
  tangible personal property which is normally used for personal, family,
  or household purposes, or (2) anything designed or sold for incorporation
  into a dwelling.  In determining whether a product is a consumer product,
  commercial, industrial or non-consumer uses, unless such uses represent
  the only significant mode of use of the product.

- __"Installation Information" for a User Product means any methods,
+ "Installation Information" for a User Product means any methods,
  procedures, authorization keys, or other information required to install
  and execute modified versions of a covered work in that User Product from
  a modified version of its Corresponding Source.  The information must
  suffice to ensure that the continued functioning of the modified object
  code is in no case prevented or interfered with solely because
  modification has been made.

- __If you convey an object code work under this section in, or with, or
+ If you convey an object code work under this section in, or with, or
  specifically for use in, a User Product, and the conveying occurs as
  part of a transaction in which the right of possession and use of the
  User Product is transferred to the recipient in perpetuity or for a
  modified object code on the User Product (for example, the work has
  been installed in ROM).

- __The requirement to provide Installation Information does not include a
+ The requirement to provide Installation Information does not include a
```

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```
   requirement to continue to provide support service, warranty, or updates
   for a work that has been modified or installed by the recipient, or for
   the User Product in which it has been modified or installed.  Access to a
   network may be denied when the modification itself materially and
   adversely affects the operation of the network or violates the rules and
   protocols for communication across the network.

-  Corresponding Source conveyed, and Installation Information provided,
+ Corresponding Source conveyed, and Installation Information provided,
   in accord with this section must be in a format that is publicly
   documented (and with an implementation available to the public in
   source code form), and must require no special password or key for
   unpacking, reading or copying.

-  7. Additional Terms.
+ 7. Additional Terms.

-  "Additional permissions" are terms that supplement the terms of this
+ "Additional permissions" are terms that supplement the terms of this
   License by making exceptions from one or more of its conditions.
   Additional permissions that are applicable to the entire Program shall
   be treated as though they were included in this License, to the extent
   under those permissions, but the entire Program remains governed by
   this License without regard to the additional permissions.

-  When you convey a copy of a covered work, you may at your option
+ When you convey a copy of a covered work, you may at your option
   remove any additional permissions from that copy, or from any part of
   it.  (Additional permissions may be written to require their own
   removal in certain cases when you modify the work.)  You may place
   additional permissions on material, added by you to a covered work,
   for which you have or can give appropriate copyright permission.

-  Notwithstanding any other provision of this License, for material you
+ Notwithstanding any other provision of this License, for material you
   add to a covered work, you may (if authorized by the copyright holders of
   that material) supplement the terms of this License with terms:

-     a) Disclaiming warranty or limiting liability differently from the
-     terms of sections 15 and 16 of this License; or
+ a) Disclaiming warranty or limiting liability differently from the
+ terms of sections 15 and 16 of this License; or

-     b) Requiring preservation of specified reasonable legal notices or
-     author attributions in that material or in the Appropriate Legal
-     Notices displayed by works containing it; or
+ b) Requiring preservation of specified reasonable legal notices or
+ author attributions in that material or in the Appropriate Legal
+ Notices displayed by works containing it; or

-     c) Prohibiting misrepresentation of the origin of that material, or
-     requiring that modified versions of such material be marked in
-     reasonable ways as different from the original version; or
+ c) Prohibiting misrepresentation of the origin of that material, or
+ requiring that modified versions of such material be marked in
+ reasonable ways as different from the original version; or

-     d) Limiting the use for publicity purposes of names of licensors or
-     authors of the material; or
+ d) Limiting the use for publicity purposes of names of licensors or
+ authors of the material; or

-     e) Declining to grant rights under trademark law for use of some
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```
- ____trade names, trademarks, or service marks; or
+ e) Declining to grant rights under trademark law for use of some
+ trade names, trademarks, or service marks; or

- ____f) Requiring indemnification of licensors and authors of that
- ____material by anyone who conveys the material (or modified versions of
- ____it) with contractual assumptions of liability to the recipient, for
- ____any liability that these contractual assumptions directly impose on
- ____those licensors and authors.
+ f) Requiring indemnification of licensors and authors of that
+ material by anyone who conveys the material (or modified versions of
+ it) with contractual assumptions of liability to the recipient, for
+ any liability that these contractual assumptions directly impose on
+ those licensors and authors.

- __All other non-permissive additional terms are considered "further
+ All other non-permissive additional terms are considered "further
  restrictions" within the meaning of section 10.  If the Program as you
  received it, or any part of it, contains a notice stating that it is
- governed by this License along with a term that is a further restriction,
- you may remove that term.  If a license document contains a further
- restriction but permits relicensing or conveying under this License, you
- may add to a covered work material governed by the terms of that license
- document, provided that the further restriction does not survive such
- relicensing or conveying.
-
- __If you add terms to a covered work in accord with this section, you
+ governed by this License along with a term that is a further
+ restriction, you may remove that term.  If a license document contains
+ a further restriction but permits relicensing or conveying under this
+ License, you may add to a covered work material governed by the terms
+ of that license document, provided that the further restriction does
+ not survive such relicensing or conveying.
+
+ If you add terms to a covered work in accord with this section, you
  must place, in the relevant source files, a statement of the
  additional terms that apply to those files, or a notice indicating
  where to find the applicable terms.

- __Additional terms, permissive or non-permissive, may be stated in the
+ Additional terms, permissive or non-permissive, may be stated in the
  form of a separately written license, or stated as exceptions;
  the above requirements apply either way.

- __8. Termination.
+ 8. Termination.

- __You may not propagate or modify a covered work except as expressly
+ You may not propagate or modify a covered work except as expressly
  provided under this License.  Any attempt otherwise to propagate or
  modify it is void, and will automatically terminate your rights under
  this License (including any patent licenses granted under the third
  paragraph of section 11).

- __However, if you cease all violation of this License, then your
+ However, if you cease all violation of this License, then your
  license from a particular copyright holder is reinstated (a)
  provisionally, unless and until the copyright holder explicitly and
  finally terminates your license, and (b) permanently, if the copyright
  holder fails to notify you of the violation by some reasonable means
  prior to 60 days after the cessation.

- __Moreover, your license from a particular copyright holder is
```

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```
+ Moreover, your license from a particular copyright holder is
  reinstated permanently if the copyright holder notifies you of the
  violation by some reasonable means, this is the first time you have
  received notice of violation of this License (for any work) from that
  copyright holder, and you cure the violation prior to 30 days after
  your receipt of the notice.

- __Termination of your rights under this section does not terminate the
+ Termination of your rights under this section does not terminate the
  licenses of parties who have received copies or rights from you under
  this License.  If your rights have been terminated and not permanently
  reinstated, you do not qualify to receive new licenses for the same
  material under section 10.

- __9. Acceptance Not Required for Having Copies.
+ 9. Acceptance Not Required for Having Copies.

- __You are not required to accept this License in order to receive or
+ You are not required to accept this License in order to receive or
  run a copy of the Program.  Ancillary propagation of a covered work
  occurring solely as a consequence of using peer-to-peer transmission
  to receive a copy likewise does not require acceptance.  However,
  not accept this License.  Therefore, by modifying or propagating a
  covered work, you indicate your acceptance of this License to do so.

- __10. Automatic Licensing of Downstream Recipients.
+ 10. Automatic Licensing of Downstream Recipients.

- __Each time you convey a covered work, the recipient automatically
+ Each time you convey a covered work, the recipient automatically
  receives a license from the original licensors, to run, modify and
  propagate that work, subject to this License.  You are not responsible
  for enforcing compliance by third parties with this License.

- __An "entity transaction" is a transaction transferring control of an
+ An "entity transaction" is a transaction transferring control of an
  organization, or substantially all assets of one, or subdividing an
  organization, or merging organizations.  If propagation of a covered
  work results from an entity transaction, each party to that
  Corresponding Source of the work from the predecessor in interest, if
  the predecessor has it or can get it with reasonable efforts.

- __You may not impose any further restrictions on the exercise of the
+ You may not impose any further restrictions on the exercise of the
  rights granted or affirmed under this License.  For example, you may
  not impose a license fee, royalty, or other charge for exercise of
  rights granted under this License, and you may not initiate litigation
  (including a cross-claim or counterclaim in a lawsuit) alleging that
  any patent claim is infringed by making, using, selling, offering for
  sale, or importing the Program or any portion of it.

- __11. Patents.
+ 11. Patents.

- __A "contributor" is a copyright holder who authorizes use under this
+ A "contributor" is a copyright holder who authorizes use under this
  License of the Program or a work on which the Program is based.  The
  work thus licensed is called the contributor's "contributor version".

- __A contributor's "essential patent claims" are all patent claims
+ A contributor's "essential patent claims" are all patent claims
  owned or controlled by the contributor, whether already acquired or
  hereafter acquired, that would be infringed by some manner, permitted
```

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```
485 468   by this License, of making, using, or selling its contributor version,
489 472   patent sublicenses in a manner consistent with the requirements of
490 473   this License.
491 474
492       - __Each contributor grants you a non-exclusive, worldwide, royalty-free
    475   + Each contributor grants you a non-exclusive, worldwide, royalty-free
493 476   patent license under the contributor's essential patent claims, to
494 477   make, use, sell, offer for sale, import and otherwise run, modify and
495 478   propagate the contents of its contributor version.
496 479
497       - __In the following three paragraphs, a "patent license" is any express
    480   + In the following three paragraphs, a "patent license" is any express
498 481   agreement or commitment, however denominated, not to enforce a patent
499 482   (such as an express permission to practice a patent or covenant not to
500 483   sue for patent infringement).  To "grant" such a patent license to a
501 484   party means to make such an agreement or commitment not to enforce a
502 485   patent against the party.
503 486
504       - __If you convey a covered work, knowingly relying on a patent license,
    487   + If you convey a covered work, knowingly relying on a patent license,
505 488   and the Corresponding Source of the work is not available for anyone
506 489   to copy, free of charge and under the terms of this License, through a
507 490   publicly available network server or other readily accessible means,
515 498   in a country, would infringe one or more identifiable patents in that
516 499   country that you have reason to believe are valid.
517 500
518       - __If, pursuant to or in connection with a single transaction or
    501   + If, pursuant to or in connection with a single transaction or
519 502   arrangement, you convey, or propagate by procuring conveyance of, a
520 503   covered work, and grant a patent license to some of the parties
521 504   receiving the covered work authorizing them to use, propagate, modify
522 505   or convey a specific copy of the covered work, then the patent license
523 506   you grant is automatically extended to all recipients of the covered
524 507   work and works based on it.
525 508
526       - __A patent license is "discriminatory" if it does not include within
    509   + A patent license is "discriminatory" if it does not include within
527 510   the scope of its coverage, prohibits the exercise of, or is
528 511   conditioned on the non-exercise of one or more of the rights that are
529 512   specifically granted under this License.  You may not convey a covered
538 521   contain the covered work, unless you entered into that arrangement,
539 522   or that patent license was granted, prior to 28 March 2007.
540 523
541       - __Nothing in this License shall be construed as excluding or limiting
    524   + Nothing in this License shall be construed as excluding or limiting
542 525   any implied license or other defenses to infringement that may
543 526   otherwise be available to you under applicable patent law.
544 527
545       - __12. No Surrender of Others' Freedom.
    528   + 12. No Surrender of Others' Freedom.
546 529
547       - __If conditions are imposed on you (whether by court order, agreement or
    530   + If conditions are imposed on you (whether by court order, agreement or
548 531   otherwise) that contradict the conditions of this License, they do not
549 532   excuse you from the conditions of this License.  If you cannot convey a
550 533   covered work so as to satisfy simultaneously your obligations under this
554 537   the Program, the only way you could satisfy both those terms and this
555 538   License would be to refrain entirely from conveying the Program.
556 539
557       - __13. Remote Network Interaction; Use with the GNU General Public License.
    540   + 13. Remote Network Interaction; Use with the GNU General Public License.
558 541
559       - __Notwithstanding any other provision of this License, if you modify the
```

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```
542 + Notwithstanding any other provision of this License, if you modify the
543   Program, your modified version must prominently offer all users
544   interacting with it remotely through a computer network (if your version
545   supports such interaction) an opportunity to receive the Corresponding
550   of the GNU General Public License that is incorporated pursuant to the
551   following paragraph.
552
570 -   Notwithstanding any other provision of this License, you have permission
571 - to link or combine any covered work with a work licensed under version 3
572 - of the GNU General Public License into a single combined work, and to
573 - convey the resulting work.  The terms of this License will continue to
574 - apply to the part which is the covered work, but the work with which it is
575 - combined will remain governed by version 3 of the GNU General Public
576 - License.
577 -
578 -   14. Revised Versions of this License.
579 -
580 -   The Free Software Foundation may publish revised and/or new versions of
581 - the GNU Affero General Public License from time to time.  Such new
582 - versions will be similar in spirit to the present version, but may differ
583 - in detail to address new problems or concerns.
584 -
585 -   Each version is given a distinguishing version number.  If the
586 - Program specifies that a certain numbered version of the GNU Affero
587 - General Public License "or any later version" applies to it, you have
588 - the option of following the terms and conditions either of that
589 - numbered version or of any later version published by the Free
590 - Software Foundation.  If the Program does not specify a version number
591 - of the GNU Affero General Public License, you may choose any version
592 - ever published by the Free Software Foundation.
593 -
594 -   If the Program specifies that a proxy can decide which future
595 - versions of the GNU Affero General Public License can be used, that
596 - proxy's public statement of acceptance of a version permanently
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