Licensing and Packaging
FOSS with SPDX

http://triplecheck.de
https://fosdem.org
FOSS growth

Average licensing diversity

Licenses?

http://https://github.com/blog/1724-10-million-repositories
http://www.zdnet.com/github-improves-open-source-licensing-polices-7000018213/

ON GITHUB, the most popular repository, 77% of projects had no declared license.
Challenge?

You can reach the person managing this mailing list at legal-owner@lists.gnu.org.

When replying, please edit your Subject line so that it is more specific than "Re: Contents of legal digest..."

Today's Topics:

1. Possible GPL violation: GeoGebra
2. Re: Possible GPL violation: GeoGebra
3. Re: Possible GPL violation: GeoGebra
4. Re: Possible GPL violation: GeoGebra
5. Youtube link: discussion of #FOSS (mc.martha)
6. Re: Possible GPL violation: GeoGebra

**Groklaw**

When you want to know more...

To read comments to this article, go [here](http://www.groklaw.net).
Compliance?

- Idea
- Development
- Distribution
- What can be used
- Compliance

Difficulty
Idea/start

http://www.fsf.org/blogs/licensing/more-about-the-app-store-gpl-enforcement

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What to use?

- **Permissive**
  - Public Domain
  - MIT/X11
  - BSD-new
  - Apache 2.0

- **Weakly Protective**
  - LGPLv2.1
  - LGPLv2.1+
  - LGPLv3 or LGPLv3+
  - MPL 1.1

- **Strongly Protective**
  - GPLv2
  - GPLv2+
  - GPLv3 or GPLv3+

**Network Protective**

- Affero GPLv3

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There is some legal grey area regarding what is considered a derivative work, but we feel strongly that plugins and themes are derivative work and thus inherit the GPL license. If you disagree, you might want to consider a non-GPL platform such as Serendipity (BSD license) or Habari (Apache license) instead.

http://wordpress.org/about/license/

---

http://www.dwheeler.com/essays/floss-license-slide.html

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4 Answers

To calculate the n-th prime, I know two main variants.

**The straightforward way**

That is to count all the primes starting from 2 as you find them.

This can be done with different levels of sophistication and different ways to do it. The first is

**Testing the primality of all numbers in sequence**

This would be accomplished by a driver function like

```java
public static int nthPrime(int n) {
    int candidate, count;
    for(candidate = 2, count = 0; count < n;
        if (isPrime(candidate)) {
            ++count;
        }
    } // The candidate has been incremented on
    return candidate-1;
}
```

http://xkcd.com/844/
```java
/**
 * When given an input, replace all http:// references on text with HTML link representations.
 * 
 * @param text the plain text containing the links to be converted
 * @return formatted HTML text, links are now clickable
 * @source on http://stackoverflow.com/questions/1909534/java-replacing-text-url-with-clickable-html-link
 * @author Paul Croarkin - http://stackoverflow.com/users/18995/paul-croarkin
 * @retrieved 2013-12-14 by Nuno Brito
 */

public static String textToHtmlConvertingURLsToLinks(String text) {
    if (text == null) {
        return text;
    }

    return text.replaceAll("\{(\w+)(http|https|ftp|mailto):\S+\}((\w|\s)\)?", "$1<a href="$2">$2</a>$4")
    ;
}
```
### Packaging

<table>
<thead>
<tr>
<th>Name</th>
<th>Used Version</th>
<th>Link</th>
<th>License</th>
<th>Licence/IPR distribution</th>
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<td>Internal</td>
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<td>GPL v2</td>
<td>Internal, External</td>
</tr>
</tbody>
</table>
Compliance?
Nuno Brito. 2013-07-10
16:43 ~ 17:04

- Sample file is named "test.py", dated from 2009-01-29 and sized in 2273 bytes. It is presumably a source code file for Python.

- File was open with the text editor (notepad plus) and the header indicates the copyright due to Zope under the ZPL version 2.1 in 2004.

- The script imports some dependencies:
  -- from distutils.util import get_platform
  -- from zope.testing import testrunner

- With the initial analysis done, time to find possible sources of reference on the Internet thought google.

- Adopted the comment inside the source code file: "Test script for running unit tests in a distribution root."

- Three entries for the SVN repository on the Zope URL (svn.zope.org) and one for a reference to a mailing list at http://marc.info.
## Package Information

PackageName: opencsv-2.3-src-with-libs.tar.gz
PackageFile: opencsv-2.3-src-with-libs.tar.gz
PackageDownloadLocation: NOASSERTION
PackageVerificationCode: 0A910D4416C8AB0A848E8E06E
PackageChecksum: SHA1: 26A2E04944EC6A9FDB0E7752168
PackageLicenseConcluded: Apache-2.0
PackageLicenseDeclared: Apache-2.0
PackageLicenseInfoFromFiles: Apache-2.0
PackageCopyrightText: NOASSERTION

## File Information

FileName: .classpath
FileType: OTHER
FileChecksum: SHA1: 847FD532E452C5FD742B03942E1BF1
LicenseConcluded: NOASSERTION
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</table>
Data sharing

```
## Package Information

### Package Name: jfreechart-1.0.17.tar.gz
### Package FileName: jfreechart-1.0.17.tar.gz
### PackageDownloadLocation: NOASSERTION
### PackageLicenseConcluded: NOASSERTION

## File Information

### File

### File Name: ./jfreechart-1.0.17/jfreechart-1.0.17-demo.jar
### File Type: OTHER
### FileChecksum: SHA1: 580d2b5c99c715b8cfee6eeb3825bee65f29455
### FileChecksum: SHA256: 0ff0c95cb4d288f541c82db7623a237e3a0f
### FileChecksum: MD5: ae1dc5c6086ce487857ad7a6183cc725
### FileChecksum: SSDEEP: 12288:8idVx3deQwgrwt6V56VigQ6o6LxIUR8
### File Size: 824 Kb (844423 bytes)
```
Tooling

Community-Maintained Tools

FOSSology+SPDX
The FOSSology+SPDX project is built using the FOSSology project. SPDX standard. Existing modules include creating an SPDX file in T/ format. The project and was created and is hosted at the University Apache License 2.0 (Apache-2.0).

SPDX Workgroup Tools

SPDX Compare Utility
Comares two SPDX RDF documents

License RDFa Generator
Create a set of HTML files

RDF to HTML Pretty Printer
Creates an HTML page from a SPDX
The Open Source License Compendium

Mission:

The Open Source License Compendium shall reliably specify how to use Open Source Software compliantly. Particularly it shall...

- support Open Source users to act according to the Open Source License requirements without having to become license experts themselves
- offer strongly reliable and quickly accessible instructions (to-do lists) how to fulfill a touched Open Source license
- consolidate reliable background knowledge by gathering and verifying information from the net and from libraries
Quiz time

http://www.simpsoncrazy.com/pictures/homer
MySQL

1. Applicable license terms?
2. Implications?
Quiz #1

Q4: What is Oracle's dual license model for MySQL software?

A: Oracle makes its MySQL database server and MySQL Client Libraries available under both the GPL and a commercial license. As a result, developers who use or distribute open source applications under the GPL can use the GPL-licensed MySQL software, and OEMs, ISVs and VARs that do not want to combine or distribute the MySQL software with their own commercial software under a GPL license can purchase a commercial license.

Q5: What open source licensing options does Oracle offer for its MySQL software?

A: Oracle makes its MySQL database server and MySQL Client Libraries available under the GPL for use with other GPL-licensed software and FOSS applications licensed under GPL-compatible FOSS licenses.

In addition, for open source projects and developers creating and distributing open source software under certain FOSS licenses other than the GPL, Oracle makes its GPL-licensed MySQL Client Libraries available under a FOSS Exception that allows distribution of the FOSS application with the MySQL Client Libraries without causing the entire derivative work to be subject to the GPL.
Quiz #2

MapFish

1. Applicable license terms?
2. Notice anything special?
Quiz #2

Commercial Software License
This is the appropriate option if you want to use Ext JS to develop commercial applications whose source code you want to keep proprietary.

View our commercial SDK license agreement »
Read more about our commercial software license »

Commercial OEM License
This is the appropriate option if you want to use Ext JS to create your own commercially licensed SDK, or web application builder. Since use cases vary widely, Commercial OEM licenses are customized for each customer.

Contact us to learn more »

Open Source License
Sencha is an avid supporter of open source; source license is the appropriate open source application under GPL license v3. Although the important is that you must provide your application to your users so they can use the application for their own needs.

Open Source FAQ »
View the license terms »

If you would like to use the GPL non-GPLv3 open source project and Open Source) exceptions

Open Source License Exception f
Linux (Kernel)

1. Applicable license terms?
2. What is user land?
NOTE! This copyright does *not* cover user programs that use kernel services by normal system calls - this is merely considered normal use of the kernel, and does *not* fall under the heading of "derived work". Also note that the GPL below is copyrighted by the Free Software Foundation, but the instance of code that it refers to (the Linux kernel) is copyrighted by me and others who actually wrote it.

Linus Torvalds

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Version 2, June 1991

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Questions?

Thank you!
Feedback or questions not answered today?
nuno.brito@triplecheck.de