



Welcome to Open Source World

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Overview

- FOSS
- Free Software
- Open Source Software
 - ◇ History
 - ◇ Definition
- Licensing
- Why Open Source?

FOSS



- FOSS stands for **Free and Open Source Software.**



Free Software

- Free software is a matter of liberty, not price.
- Free software is a matter of the users' freedom to
 - ◇ Run
 - ◇ Copy & distribute
 - ◇ Study
 - ◇ Change and improve the software



Open Source Software

- Open Source software is software for which the human-readable source code is made available to the user of the software.
- Open source doesn't just mean access to the source code.



The Open Source History (1)

- Began in the "hacker" culture of U.S. in the 1960's and 1970's
- It showed that programs could be written by a community of volunteer programmers.
- 1970s and 1980s different free applications are developed around the world of Internet.
- The GNU is created and GPL license is drafted by Richard Stallman.

The Open Source History (2)

- In 1991, the first completed free operating system is created by Linus Torvalds as a university project: Linux.
- During the 1990s, the use of Linux grows very fast in the server market (command line based).



The Open Source Definition (1)

- Free Redistribution
- Source Code
- Derived Works
- Integrity of The Author's Source Code
- No Discrimination Against Persons or Groups

The Open Source Definition (2)

- No Discrimination Against Fields of Endeavor
- Distribution of License
- License Must Not Be Specific to a Product
- License Must Not Restrict Other Software
- License Must Be Technology-Neutral

Licensing (1)

□ Non-Protective Licenses

- ◇ BSD license



□ Protective Licenses

- ◇ GNU General Public License



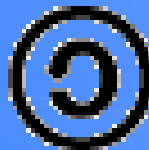
Licensing (2)

□ Creative Commons

◇ by



◇ sa



◇ nc



◇ nd



Why Open Source? (1)

- Ability to customize/translate/and localize software.
- Participation in global network of software development though excellent training system.
- Less vulnerable to viruses and attacks (Faster Actions).
- Open Standards/Formats.

Why Open Source? (2)

- ❑ Reduced Piracy.
- ❑ More reliable/stable.
- ❑ Looks good!
- ❑ Reduced costs

Some FAQ about Open Source

- Is it really free?
 - ◇ Pay for a service, not for a product.
- It has lower quality.
 - ◇ Google, Youtube, Flickr, Digg and Wikipedia all runs with Open Source Software.

Open Source Today

- Apache (54%)
- MySQL
- Tomcat
- BIND (90%)
- OpenOffice.org
- CRM: SugarCRM, VtigerCRM
- Ubuntu
- Netbeans / Eclipse
- Wiki, Yahoo, Google, Hotmail
- Firefox
- Blender



Just try it now

Resources

- <http://www.opensource.org>
- <http://osprojects.info/6/what-is-foss>
- <http://www.fsf.org>
- <http://www.slideshare.net/guest42128e/introduction-to-foss>
- <http://www.groklaw.net/article.php?story=20031231092027900>

Q&A