

Current trends in the Open Source Community

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Examples of Open Source efforts

Operating Systems	Linux, Darwin, Open Solaris
Servers	BIND, Sendmail. Apache web server. Samba file server, Tomcat
Databases	MySQL, PostgreSQL
Languages	Java, Perl, PHP, Python, Lua, Ruby, Tel
GUIs	X-windows, GNOME, KDE, Xfce desktop environments
Applications	Open Office, Mozilla, Firefox, GIMP graphics editor
Typesetting	TeX, LaTeX
Multimedia	OGG: OGG vorbus, OGG Thora
Text editors	EMACS, Vi
Development	Bugzilla, Eclipse,

Directories of Open Source Projects

Source Forge www.sourceforge.net lists 175,000 projects. Example.....

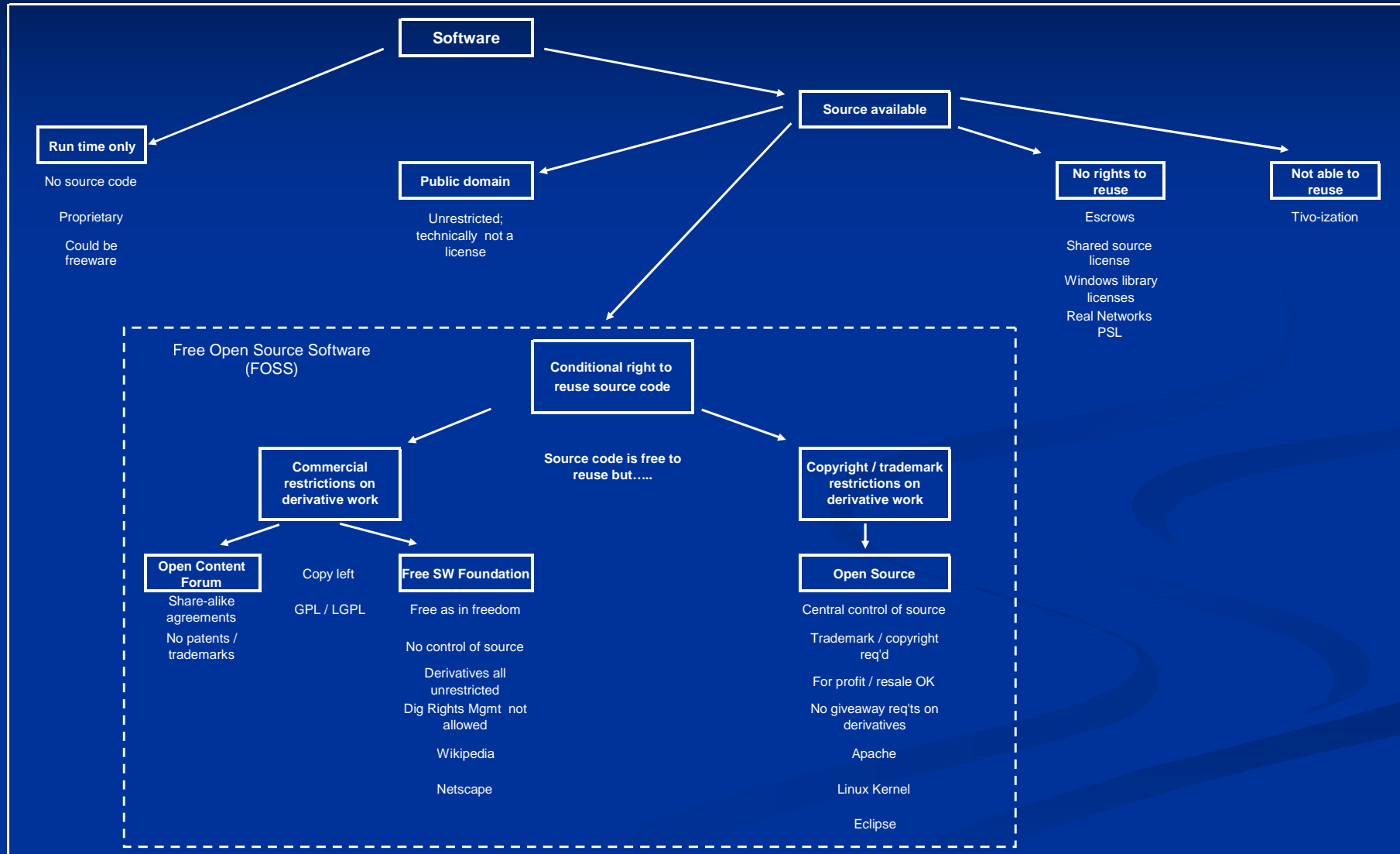
Clustering	Enterprise	Multi-media	Sys Admin
Database	Financial	Networking	VOIP
Desktop	Games	Security	
Development	Hardware	Storage	

Ohloh www.ohloh.net/projects?sort=stack_count_reverse lists 12,970 projects

EOS directory www.eosdirectory.com lists SW by four categories, with a synopsis of each project, its license and popularity.

Operations:	OS, GUI, Web Servers
Applications Development:	DBMS, Languages
Infrastructure:	Collaboration, ECM
Applications:	CRM, E-commerce

Open Source's Strategic Positioning



Simplified comparison of licenses

License Requirements	Public domain	Academic Free License *	Common Public License	GPL	LGPL
Maintain attribution and disclaimer	No	Yes	Yes	Yes	Yes
Must distribute modified source	No	No	Yes	Yes	Yes
Same license for larger work	No	No	No	Yes	No

* Intended to replace existing Apache, MIT, BSD licenses

Ten commonly Used FOSS Project Licenses

GNU Public License 2.0	58%
GNU Lesser Public License 2.1	11%
Artistic License (Perl)	7.5%
BSD (Berkeley) License 2.0	6.5%
Apache License 2.0	2.9%
MIT License	2.6%
GNU Public License 3.0	1.6%
MPL (Mozilla) License	1.4%
CPL (Common)	.83%
Academic Free License	.51%

License directory:

www.opensource.org/licenses/categories

Source: Black Duck Software Web site

Typical FOSS Governance Architecture

Sponsors (sometimes)

Board of Directors (Foundation Level)

Multiple Project Teams

Requirements

Planning

Architecture

Self-organizing / common advocacy

Volunteers

Meritocracy

Summary Issues with FOSS

Building a commercially sound business model

Security: better or worse?

The whole product: support, roadmaps, success

GPL v3 complexities; (consult a lawyer)

- Patent infringement implications; up / down stream

- Patent grants more restrictive

- Tivo-ization, Microsoft-Novell patent pacts

- Combined GPL-v2 and GPL-v3 works