

open



USE



IMPROVE



EVANGELIZE

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Open Source

Lukáš Rovenský

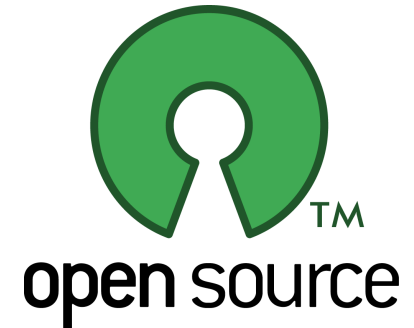
Solaris Revenue Product Engineering

Sun Microsystems, Czech



Open Source

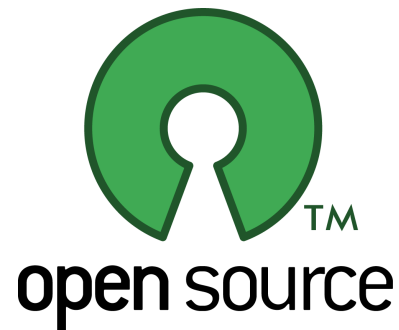
- Open Source == source code + license
 - Source code must be available
 - Can modify and create derived works
 - Free redistribution
 - No discrimination
- Free software (Libre, freedom)
 - Richard Stallman: “Free as a freedom, not as a beer”
 - GNU operating system (1984) + Free Software Foundation (1985)
 - Sharing back with the community, GNU project
 - GNU General Public License





Open Source Initiative (OSI)

- Public benefit organization
- Stewards Open Source Definition (OSD)
- Approves Open Source Licenses



Who knows ...



... how many OSI
approved
licenses exist?

The answer is ...



... 71 (not 42 ;-)



Other Terms

- FLOSS, 2001
 - Free/Libre/Open Source Software
- FOSS, 2003
 - Free and Open Source Software
- Non Open Source Terms
 - Freeware (Gratis, zero price)
 - Software available for free
 - Can be available only in binary form
 - Shareware
 - Trial period during which software can be used for free and then it has to be purchased
 - Some functionality can get unlocked only after the purchase



Why To Use Open Source

- The initial cost is very minimal (== zero)
- A lot of mature open source products exist
 - Good alternative to closed source
 - Used by many people => well tested
 - Developed in open way, many people contribute
 - A lot of information is available at the internet
- There exist companies who produce only Open Source



Is It Really Free?

- The cost of getting the software is zero
- Cost of running the software depends on your needs and the software itself
 - Everyone can install run OpenOffice ((almost) TRUE)
- X
- Everyone can set up and run Apache httpd (FALSE)
- What to do if something goes wrong?
- Where to get a help?



General Open Source Business Model

- No more software in boxes
- Software is open sourced and free to use => there are no adoption barriers in terms of the cost of the software
- Volume is important
- Support services are provided => people buy support when their business depends on the open source product
 - Support from experienced company is typically much cheaper than team of in-house experts
- Indirect income (through HW, commercials,...)

Sun And Open Source



- Contributes to many Open Source projects
- OpenSolaris, VirtualBox, xVM
- JavaDB, MySQL, PostgreSQL
- Java, NetBeans, GlassFish



What Is OpenSolaris 2008.05

- A new “OpenSolaris based distribution”
- Created only from re-distributable components == open source
- Can be used as a basis for another distributions
- Free to get, free to use and supported by Sun
 - 18 months support period, a new release every 6 months
- New site for OpenSolaris users:
 - <http://www.opensolaris.com>





OSDevCon 2008

opensolaris

© CZOSUG & GUUG

developer conference

June 25 - 27, 2008, Prague

<http://www.osdevcon.org/2008/>



Links

- Open Source Initiative
 - <http://www.opensource.org/>
- Free Software Foundation
 - <http://www.fsf.org>
- Open Source at Sun
 - <http://www.sun.com/software/opensource/index.jsp>
- OpenSolaris
 - <http://www.opensolaris.org>
 - <http://www.opensolaris.com>
- Wikipedia
 - <http://www.wikipedia.org>

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Thank you!

Lukáš Rovenský

lukas.rovensky@sun.com

<http://blogs.sun.com/lr>

“open” artwork and icons by chandan:

<http://blogs.sun.com/chandan>

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