

Free and Open Source Software

By Jacob Tanenbaum



Free Software? Really? What type?

- Open Source
- Commercial – but free
- On-Line offerings
- Just Plain Free



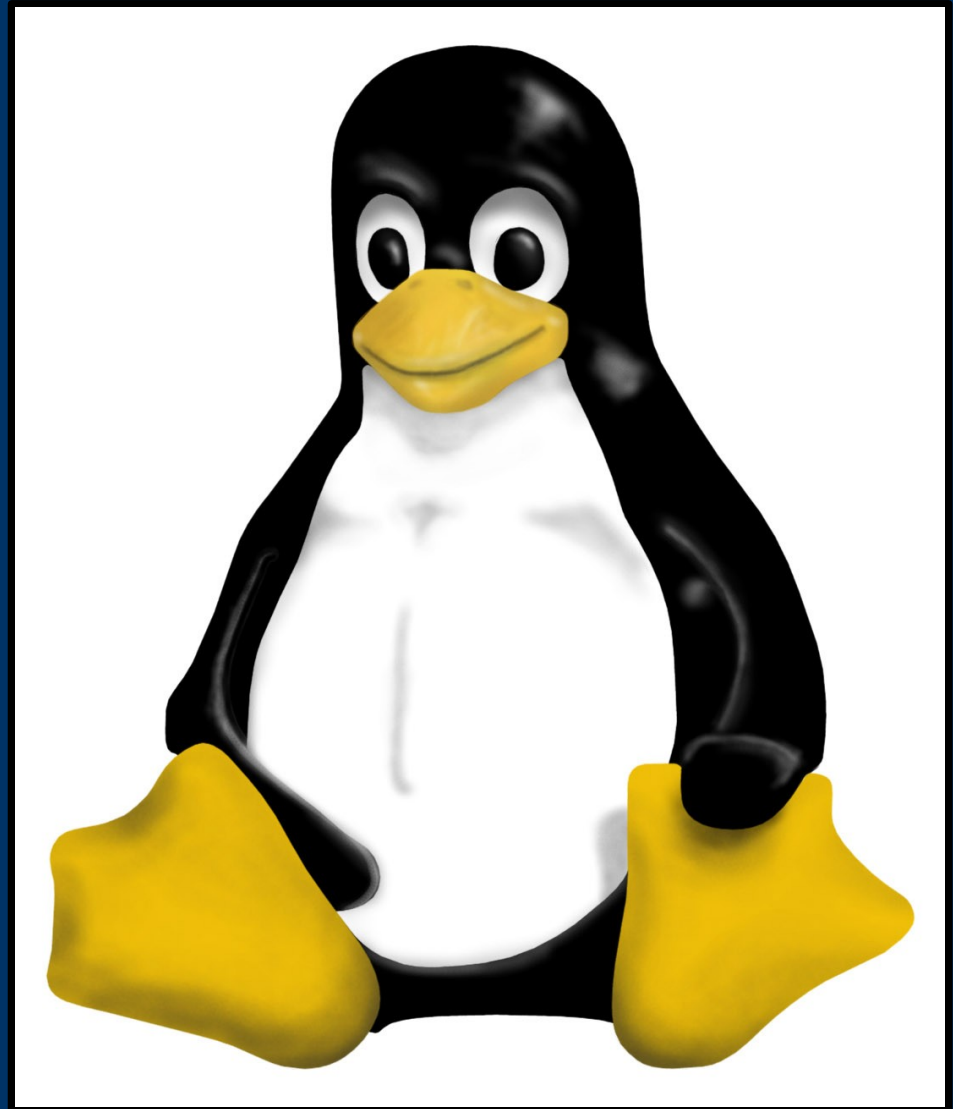
Open Source – What is it?

- Free Redistribution:
- The source code must either be included or freely obtainable.
- Derived Works: redistribution of modifications must be allowed.
- Integrity of The Author's Source Code:
- No Discrimination Against Persons or Groups:
- No Discrimination Against Fields of Endeavor:
- Distribution of License:
- License Must Not Be Specific to a Product:
- License Must Be Technology-Neutral:



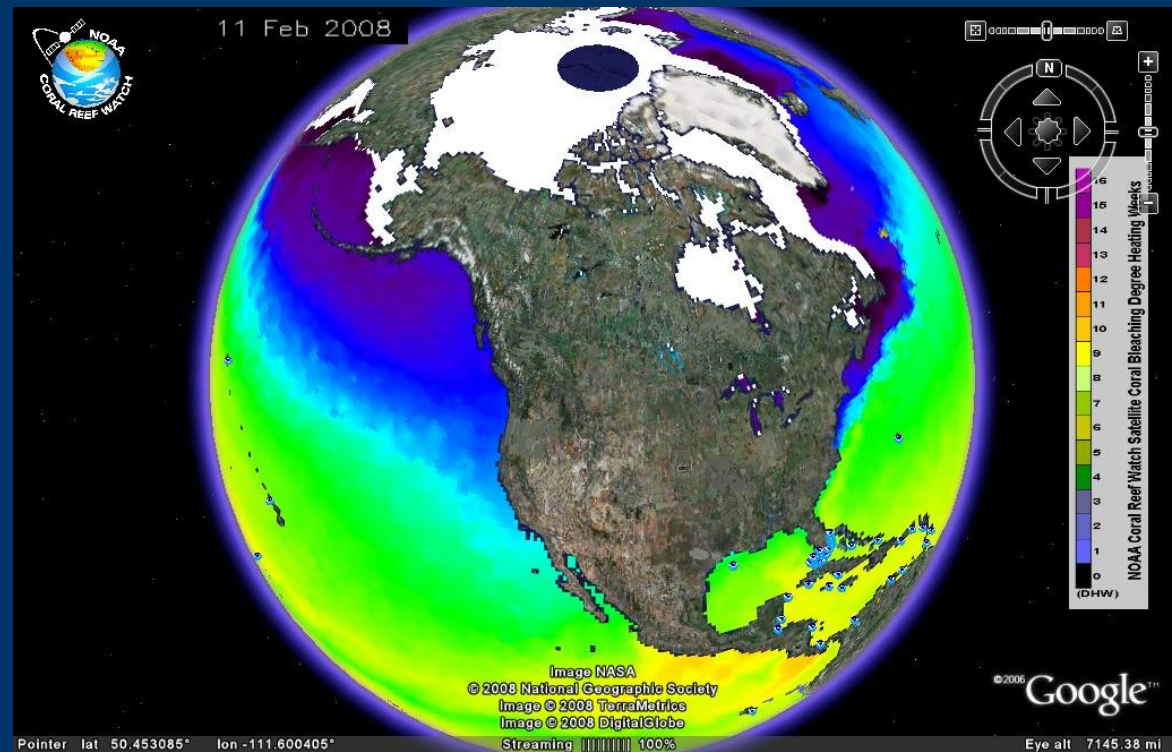
Open Source: Examples

- Open Office
- Audacity
- Gimp
- Flight Gear
- Linux
- Nvu
- Firefox
- Celestia



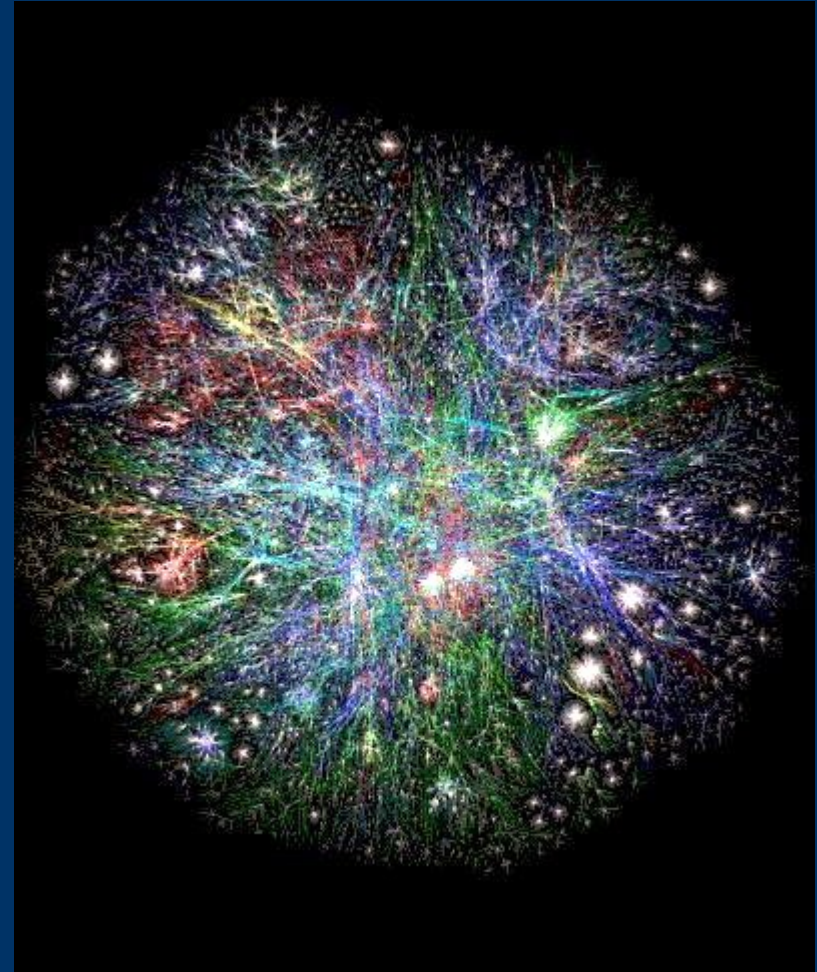
Commercial – But Free...

- Google Earth
- Google Sketchup
- Finale Notepad
- Windows Movie Maker
- Skype



On-line offerings

- Google Docs
- Wikipedia
- Wikispaces
- Blogger



Just Plain Free...

- Orbiter
- Anim8tor
- NASA Worldwind
- Kids Programming Language
- West Point Bridge Design



Great! So Where Can I Get This?

The screenshot shows a Mozilla Firefox browser window displaying the SourceForge.net Software Map page. The browser's address bar shows the URL <http://sourceforge.net/softwaremap/>. The page content includes a navigation menu, a search bar, and a list of software topics categorized by download and activity counts. The Windows taskbar at the bottom shows the Start button and several open applications: SourceForge.net, Free and Open Source Software, Paint, and Orbiter Launchpad. The system clock indicates the time is 9:18 PM.

SourceForge.net: Software Map - Mozilla Firefox

File Edit View History Bookmarks Tools Help

<http://sourceforge.net/softwaremap/>

Free and Open Source Software SourceForge.net: Software Map Microsoft Outlook Web Access

Additional plugins are required to display all the media on this page. [Install Missing Plugins...](#)

SF.net » Projects » Software Map

Software Map Topics

Welcome to the Software Map. The Software map will help you quickly navigate around the thousands of projects hosted on SourceForge.net. To use the Software Map, simply click on one of the popular Topics displayed. Once you're browsing a particular topic, you'll be able to easily filter, sort and search your project list.

- Enter Here to Research Featured Solutions -

hp **COLLABNET.**
Subversion.

Clustering (633) Most downloaded: jBpm.org - java Business Process Mgmt Most active: JavaGroups	Financial (3134) Most downloaded: Miranda Most active: PostBooks open source accounting/ERP/CRM	Security (4284) Most downloaded: WinSCP Most active: KeePass Password Safe
Database (9100) Most downloaded/active: phpMyAdmin	Games (23573) Most downloaded: ZSNES Most active: Stellarium	Storage (3435) Most downloaded: 7-Zip Most active: FreeNAS
Desktop (4957) Most downloaded: GnuWin32 Most active: KeePass Password Safe	Hardware (2265) Most downloaded: StepMania Most active: Tcl	SysAdmin (4607) Most downloaded: TightVNC Most active: Zenoss Core - Enterprise IT Monitoring
Development (39166) Most downloaded: guliverkli Most active: Openbravo ERP	Multimedia (20717) Most downloaded: GTK+ and The GIMP installers for Windows Most active: FreeMind	VoIP (657) Most downloaded: trixbox (formerly asterisk@home) Most active: VMukti - Unified Social Community
Enterprise (3312) Most downloaded: wxPython Most active: PostBooks open source accounting/ERP/CRM	Networking (6457) Most downloaded: FileZilla Most active: Zenoss Core - Enterprise IT Monitoring	Display All » View all of the topics in the Software Map

Statistics for All Projects

Done

start SourceForge.net: Sof... Free and Open Sourc... untitled - Paint Orbiter Launchpad 9:18 PM

Great! So Where Can I Get This?

<http://www.jacobtanenbaum.com>

- Click Training
- Click Free and Open Source

