# *Free and Open Source Software*

## By Jacob Tanenbaum

# *Free Software?  Really?  What type?*

- Open Source

- Commercial – but free

- On-Line offerings
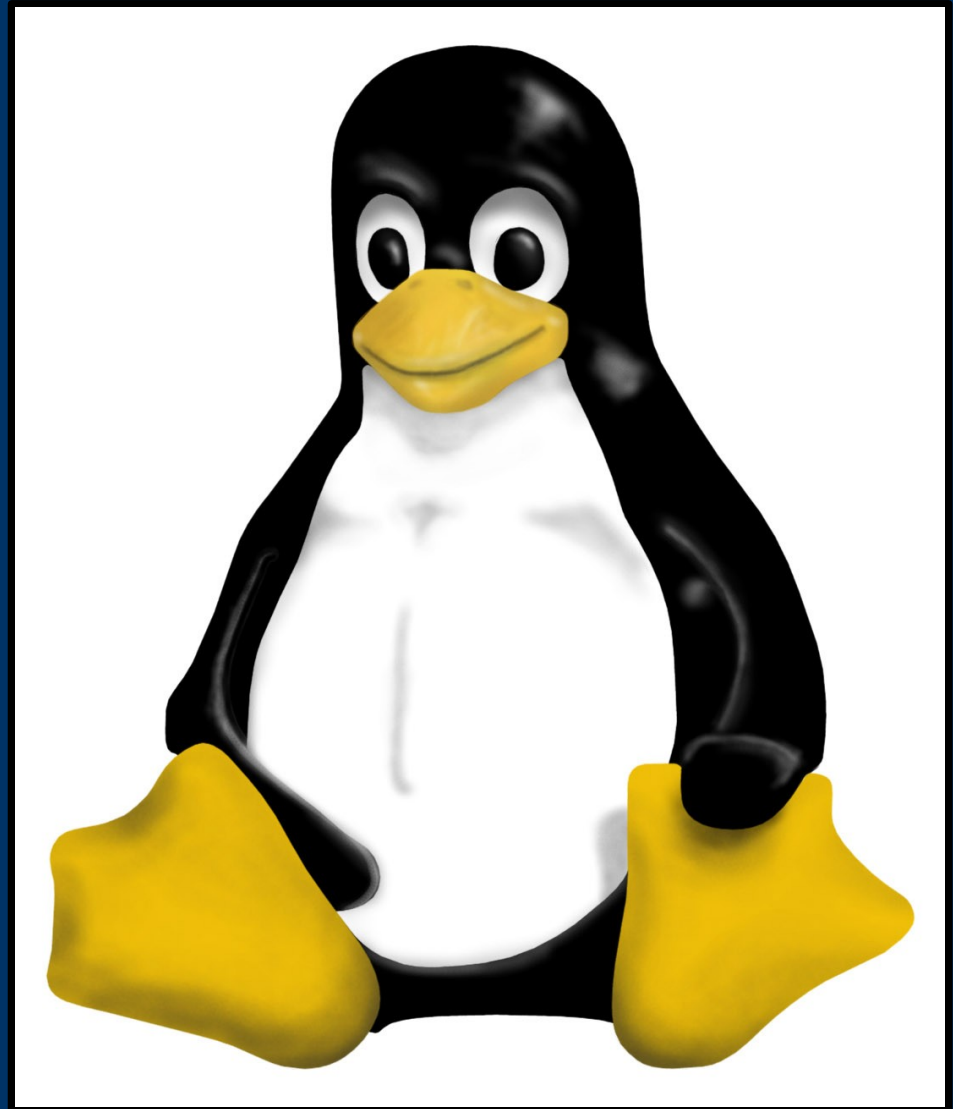
- Just Plain Free

# 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:
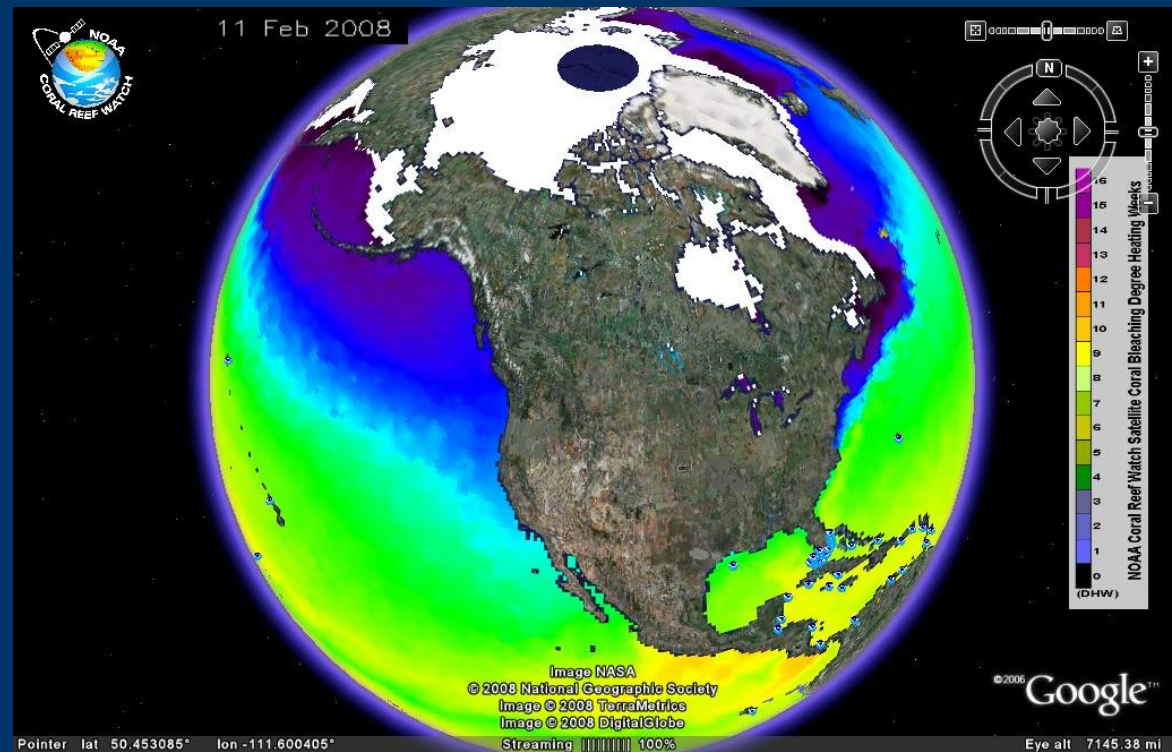
- License Must Be Technology-Neutral:

# *Open Source:  Examples*

- Open Office

- Audacity

- Gimp

- Flight Gear
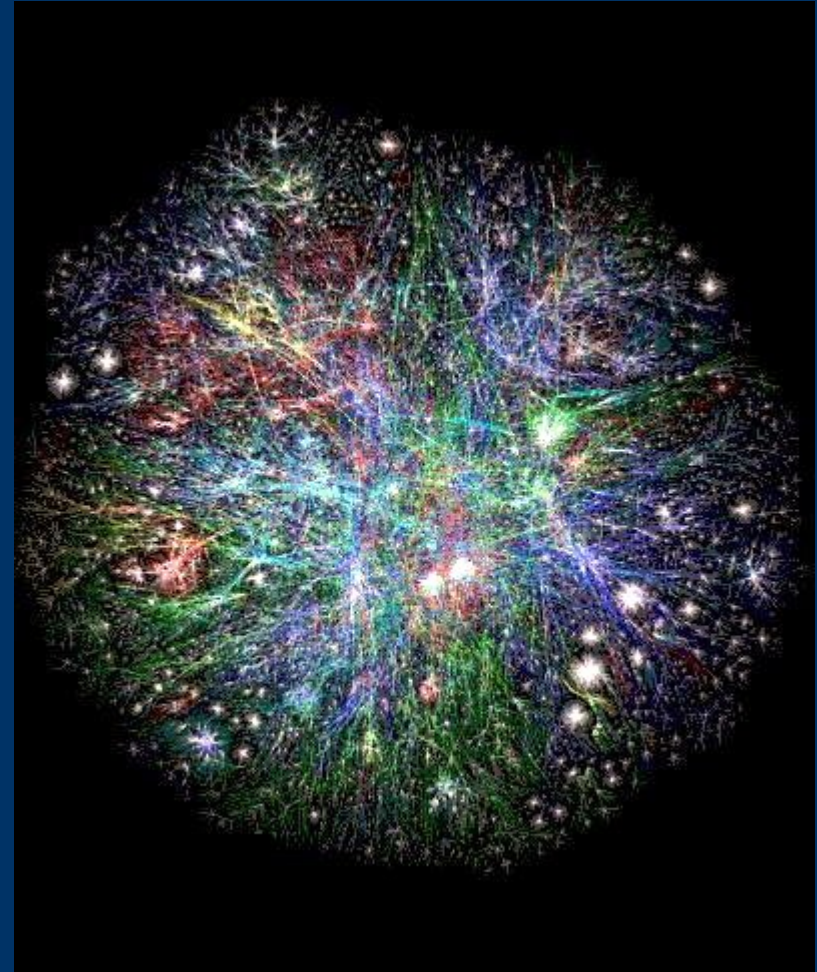
- Linux

- 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?

# *Great!  So Where Can I Get This?*

http://www.jacobtanenbaum.com

- Click Training

- Click Free and Open Source