

The Cathedral and the Bazaar

A Brief Introduction to
Open-source Movement

Speaker: Minyong Li (CST Y4)
Time: 2019.09.15 19:00 - 21:00
Location: T8-305



Photo by Francisco Gama

技术沙龙·第五期

大教堂与集市

开源软件运动简述

Soon™



HCC Computer Club
计算机俱乐部

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NGINX



Starting from Free Software...

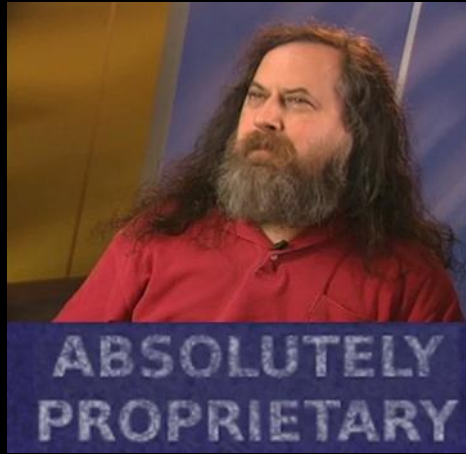


Free software means the users have the freedom to run, copy, distribute, study, change and improve the software.

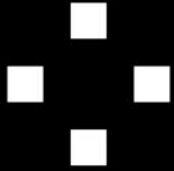
Free software is a matter of liberty, not price. To understand the concept, you should think of “free” as in “free speech”, not as in “free beer”.¹

¹ <https://www.gnu.org/>

Richard M. Stallman



GNU's Not Unix



GPL & Copyleft



Nobody should be restricted by the software they use. There are four freedoms that every user should have:

- the freedom to use the software for any purpose,*
- the freedom to change the software to suit your needs,*
- the freedom to share the software with your friends and neighbors, and*
- the freedom to share the changes you make.*

When a program offers users all of these freedoms, we call it free software.²

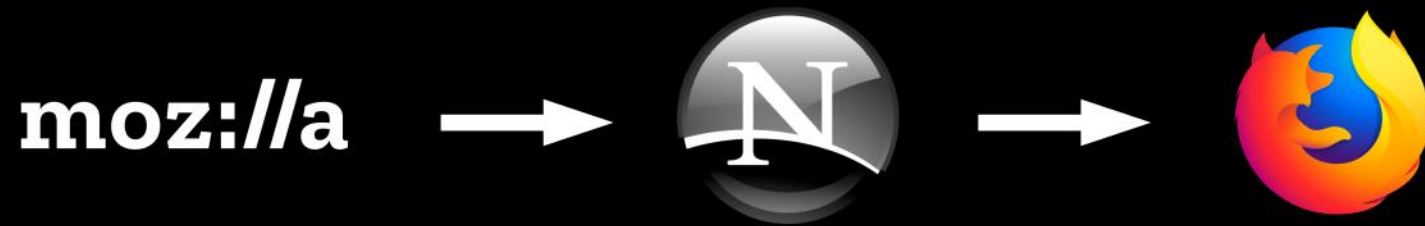
² <https://www.gnu.org/licenses/quick-guide-gplv3.html>

Problems with Free Software



*Developers who write software can release it under the terms of the GNU GPL. When they do, it will be free software **and stay free software, no matter who changes or distributes the program.** We call this copyleft: the software is copyrighted, but instead of using those rights to restrict users like proprietary software does, we use them to ensure that every user has freedom.*

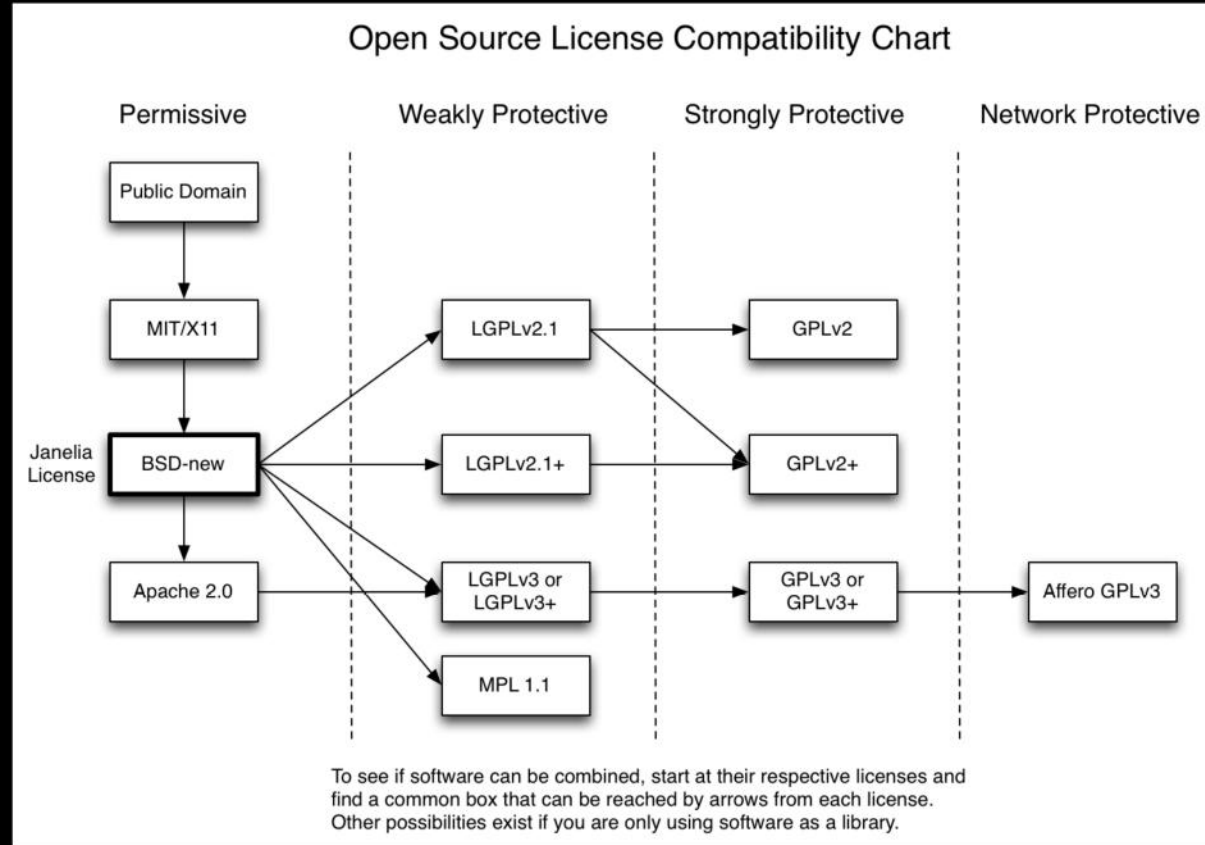
In 1998...



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Licensing



Everything Can Be Open-Sourced



Are We Protected?



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The Book

Ask Me Anything™

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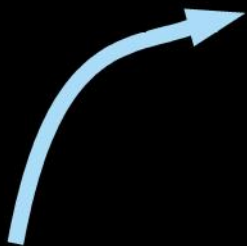
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Ask Us Anything



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