

Lukasz Dynowski

I dynowski@yahoo.com

linkedin.com/in/ldynia



Objectives

- Pull Requests
- Github Templates
- Github Releases / Tag
- Github Wikis
- Github Pages
- Github Actions
- Github Issues
- Github Advanced Search

- CI/CD
- Docker
- Git
- Markdown
- Microservices
- Free Software
- Open Source

Use GitHub as your CV

GitHub in Numbers



71+ million Developers



200+ million Repositories







How did we arrived here?

Unix 1970 AT&T Bell Labs

GNU 1983 GNU Project

GCC **1987** GCC + Libs

GPL 1989 4 Freedoms

Linux Kernel 1991 Linux Kernel

Open Source 1998 Netscape

GIT 2005 BitKeeper

GitHub 2008 Logical Awesome LLC

2021





Free Software & Open Source



Richard Stallman



Bruce Perens



Eric Raymon

What does "free software" mean?

User has freedom to:

- Run the program as you wish, for any purpose.
- **Study** how the program works, and change it so it does your computing as you wish. Access to the source code is a precondition for this!
- Redistribute copies so you can help others.
- **Distribute** copies of your modified versions to others. Access to the source code is a precondition for this!



What does "open source" mean?

The software is:

- **Redistributed** for free.
- The source code should be **publicly available.**
- The software can be **modified and distributed** in a different format from the original software.
- The software should not discriminate against persons or groups.
- The software should not restrict the usage of other software.





Free Software

Social movement.

Free software focus on the user's freedom to use the program, to modify it, and to share it.



Open source

Open source is a development methodology.

Open-source focus on the availability of the source code and the ability to modify and share it.







Public # Open Source

Anyone can view and fork your public project, but your work comes with no permissions.

What if you don't apply an open source license?

Everybody who contributes to your project also becomes an exclusive copyright holder of their work. That means nobody can use, copy, distribute, or modify their contributions – and that "nobody" includes you.

If you want others to use, distribute, modify, or contribute back to your project, you need to include an open source license.

What license to choose from?

- 0-clause BSD License (0BSD)
- 1-clause BSD License (BSD-1-Clause)
- 2-clause BSD License (BSD-2-Clause)
- 3-clause BSD License (BSD-3-Clauhttps://choosealicense.com/se)
- Academic Free License 3.0 (AFL-3.0)
- Adaptive Public License (APL-1.0)
- Apache Software License 1.1 (Apache-1.1) (superseded)
- Apache License 2.0 (Apache-2.0)
- Apple Public Source License (APSL-2.0)
- Artistic license 1.0 (Artistic-1.0) (superseded)
- Artistic License 2.0 (Artistic-2.0)
- Attribution Assurance License (AAL)
- Boost Software License (BSL-1.0)
- BSD License: See
- 3-clause BSD License
- 2-clause BSD License
- 1-clause BSD License
- 0-clause BSD license
- BSD-3-Clause-LBNL
- BSD+Patent (BSD-2-Clause-Patent)
- CERN Open Hardware Licence Version 2 Permissive
- CERN Open Hardware Licence Version 2 Weakly Reciprocal
- CERN Open Hardware Licence Version 2 Strongly Reciprocal
- CeCILL License 2.1 (CECILL-2.1)
- Common Development and Distribution License 1.0 (CDDL-1.0)
- Common Public Attribution License 1.0 (CPAL-1.0)
- Common Public License 1.0 (CPL-1.0) (superseded)
- Computer Associates Trusted Open Source License 1.1 (CATOSL-1.1)
- Cryptographic Autonomy License v.1.0 (CAL-1.0)
- CUA Office Public License Version 1.0 (CUA-OPL-1.0) (retired)
- Eclipse Public License 1.0 (EPL-1.0) (superseded)
- Etc.

- Etc.
- Open Software License 3.0 (OSL-3.0)
- OpenLDAP Public License Version 2.8 (OLDAP-2.8)
- OSET Public License version 2.1
- PHP License 3.0 (PHP-3.0) (superseded)
- PHP License 3.01 (PHP-3.01)
- The PostgreSQL License (PostgreSQL)
- Python License (Python-2.0) (overall Python license)
- CNRI Python license (CNRI-Python) (CNRI portion of Python License)
- O Public License (QPL-1.0)
- RealNetworks Public Source License V1.0 (RPSL-1.0)
- Reciprocal Public License, version 1.1 (RPL-1.1) (superseded)
 - iprocal Public License 1.5 (RPL-1.5)

Source Code Public License (RSCPL)

- Open Font License 1.1 (OFL-1.1)
- Smple Public License 2.0 (SimPL-2.0)
- Sleepycat License (Sleepycat)
- Sun Industry Standards Source License (SISSL) (retired)
- Sun Public License 1.0 (SPL-1.0)
- Sybase Open Watcom Public License 1.0 (Watcom-1.0)
- Universal Permissive License (UPL)
- University of Illinois/NCSA Open Source License (NCSA)
- Upstream Compatibility License v1.0
- Unicode Data Files and Software License
- The Unlicense
- Vovida Software License v. 1.0 (VSL-1.0)
- W3C License (W3C)
- wxWindows Library License (WXwindows)
 - X.Net License (Xnet)
 - Zero-Clause BSD (0BSD)
- Zope Public License 2.0 (ZPL-2.0)
- zlib/libpng license (Zlib)





https://choosealicense.com

https://blog.usejournal.com/understanding-open-source-and-free-software-licensing-c0fa600106c9





CHOOSE WISELY!

https://opensource.guide/legal/#what-if-i-want-to-change-the-license-of-my-project

