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# OPEN SOURCE

why, where, how should you?

# WHAT THE WHAT?

publicly available source code (github)

view, duplicate, edit, repurpose, ***learn from***, etc.

Open source is a concept that originated in software, where the source code of a solution is published and made available under very liberal licensing.

With the adoption of github it has become easier than ever to write, use, and contribute to open source software.

Open source isn't just for software. It applies to many things. It's an excellent tool in government, not just for technological change but cultural change as well.

# WHAT THE WHAT?

individual contributors

companies

independent organizations

This code is written by various contributors.

# WHAT'S YOUR “*BUSINESS MODEL*”?

services

support

sponsorship

people often ask why would companies open their software? how do they make money?

mostly it's through services and support around that software.

some companies are sponsored by interested parties to continue their important work without worrying about revenue.

# VALUES

open exchange

collaborative participation

source: <https://opensource.com/open-source-way>

While it originated in the context of computer software development, today the term "open source" designates a set of values—what we call the open source way. Open source projects, products, or initiatives are those that embrace and celebrate

# VALUES

rapid prototyping

source: <https://opensource.com/open-source-way>

many contributors offer their take on a solution and the product is able to move forward much faster.  
allows bad solutions to be tested quickly before too much time is spent going down the wrong path.

# VALUES

meritocracy

source: <https://opensource.com/open-source-way>

On github it's not about your gender or age or education. it's all about contribution, passion, and credibility based on your actions. It's an equalizer!



# VALUES

community development

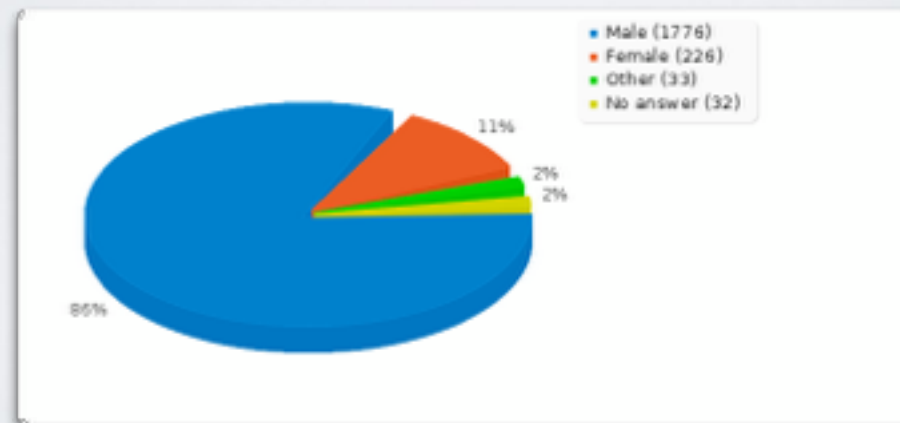
transparency

source: <https://opensource.com/open-source-way>

People that start these projects REALLY want contributions and a community to be formed around their spark of excitement about a solution.  
When others care it validates their work and reinvigorates their passion for that work.  
Therefore, everyone is very nice about the work you contribute!

# DIVERSITY :`(`

% of women is lower than general tech



Reasons such as

- less free time
- intimidation

# CODE OF CONDUCT

conferences

github repositories

company web pages

adoption: [http://geekfeminism.wikia.com/wiki/Conference\\_anti-harassment/Adoption](http://geekfeminism.wikia.com/wiki/Conference_anti-harassment/Adoption)  
<https://engineering.twitter.com/opensource/code-of-conduct>  
<https://github.com/blog/2039-adopting-the-open-code-of-conduct>

But the larger communities are trying.

And they are setting a good example for the smaller newcomers.

Companies are embracing the Code of Conduct as a sign of change.

It's an indication that diversity is a big deal and communities are recognizing the value these diverse members bring to a project or an organization.

# GET INVOLVED

**Apply for internship:** <https://www.gnome.org/outreachy>

**Contribute:** <http://www.linuxchix.org/>

**Nominate:** <https://www.redhat.com/en/about/women-in-open-source>

**Recognize:** [http://geekfeminism.wikia.com/wiki/List\\_of\\_women\\_in\\_FLOSS](http://geekfeminism.wikia.com/wiki/List_of_women_in_FLOSS)

Actively working to engage and recognize efforts of women in the communities

**Outreachy** has internships and a list of companies looking to mentor developers from under-represented sectors

**linuxchix** is a place to get involved if you love operating systems, although they have other links

**RedHat** women in open source nominations

**Ada Initiative** lists all women contributing to open source projects. Add yourself to the list of women in open source

# GEO INFORMATION SERVICES

[www.mapzen.com](http://www.mapzen.com)

<https://github.com/pelias/pelias>

# CIVIC TECH

## Code for America

**Local brigade:**

<http://www.codeforamerica.org/brigade/Code-for-Philly/>

**Example project:**

[https://codeforphilly.org/projects/resource\\_access\\_for\\_philly](https://codeforphilly.org/projects/resource_access_for_philly)

Civic tech is a flourishing open source community, and is also one where you can feel an immediate impact.

Check out local initiatives on the Code for America website. They are an organization dedicated to improving government through technology and community driven initiatives.

Gov has lots of data and they don't know how to make it publicly available. Public needs data to improve life for community.

# OPEN DATA

**OpenStreetMap:** [osm.org](https://osm.org)

**Humanitarian OpenStreetMap Team:** [hotosm.org](https://hotosm.org)

**Mapillary:** [mapillary.com](https://mapillary.com)

**OpenAddresses:** [openaddresses.io](https://openaddresses.io)

Open data is a huge part of many open source initiatives  
Contribute to the data first, if you're interested in that

# ACTION ITEMS

☒ find a project

☒ ask lots of questions

☒ contribute

☒ celebrate

☒ repeat