Tools and Concepts for Successfully Open Sourcing Your Project

TODO guides

These Open Source Guides are developed by the TODO Group in collaboration with The Linux Foundation and the larger open source community. They collect best practices from the leading companies engaged in open source development, and aim to help your organization successfully implement and run an open source program office. We expect these guides to be living documents that evolve via community contributions.

For guides tailored to individual contributors, we recommend GitHub's **community guides** .

Open Source Guides

To build a successful open source program, start here:

- **How to Create an Open Source Program**
- **Measuring Your Open Source Program**
- **Tools for Managing Your Open Source Program**

For open source program management best practices:

- **Using Open Source Code**
- **Participating in Open Source Communities**
- **Recruiting Open Source Developers**
- **Starting an Open Source Project**
- **Open Source Reading List**
- **Improve Your Open Source Development Impact**
- **Shutting Down an Open Source Project**
- **Building Leadership in an Open Source Community**
- **Setting an Open Source Strategy**

// HOME   // BLOG   // GUIDES   // ABOUT   // COMMUNITY   // MEMBERS   // JOIN   // Q&A   // 日本語

TALK OPENLY DEVELOP OPENLY

https://todogroup.org/

https://opensource.com/

https://www.redhat.com/de/blog

https://www.percona.com/blog/

Tips

1. Don't be afraid to **delete**!

2. Is it something you want to be **associated** with?

3. Should it be running as org or under your personal **account**?

4. **Open source** or **freeware**?

5. **Prepare** for people.

6. Think of the **revenue** options down the line.

7. Get **advice** and opinions. ⚠️ *(but not too much)*

Tips

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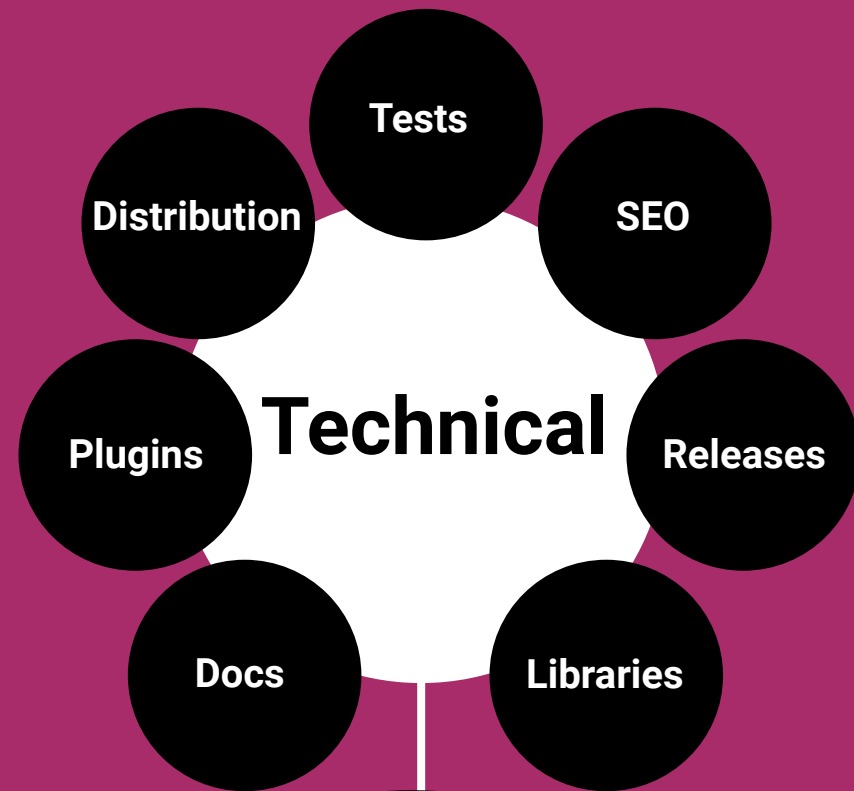
Factors to Consider

1. Do you have a need to **fix something** yourself and are considering helping other people?

2. Are you seeking **fame, glory,** and **rage**?

3. Do you need an improvement on your profile for **job searching**?

"Open Source" != "open", "source"
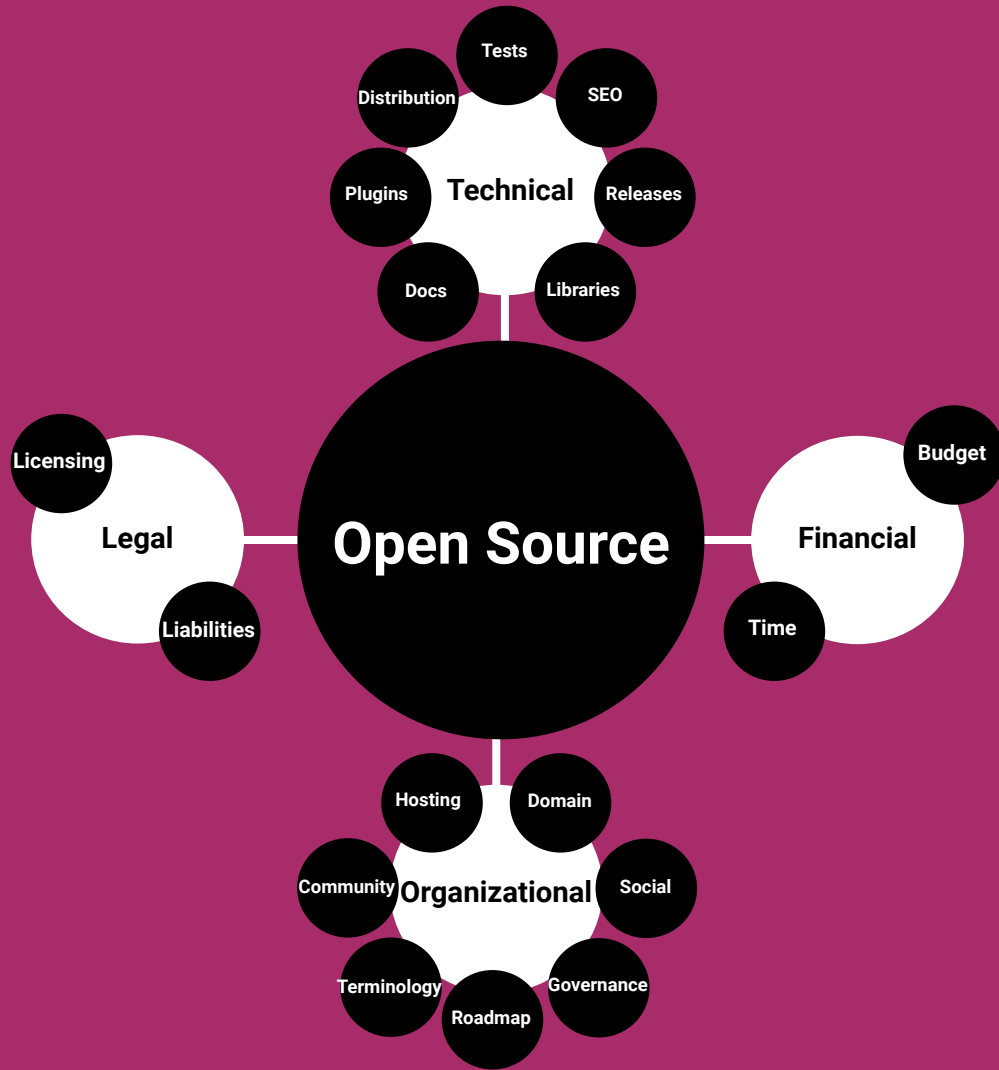
Where the world builds software

Millions of developers and companies build, ship, and maintain their software on GitHub—the largest and most advanced development platform in the world.

| Email address | Sign up for GitHub |

56+ million
Developers

3+ million
Organizations

100+ million
Repositories

72%
Fortune 50

GitHub Actions

Automate your workflow from idea to production

GitHub Actions makes it easy to automate all your software workflows, now with world-class CI/CD. Build, test, and deploy your code right from GitHub. Make code reviews, branch management, and issue triaging work the way you want.

Get started with Actions

Questions? Contact Sales →

GitHub Pages
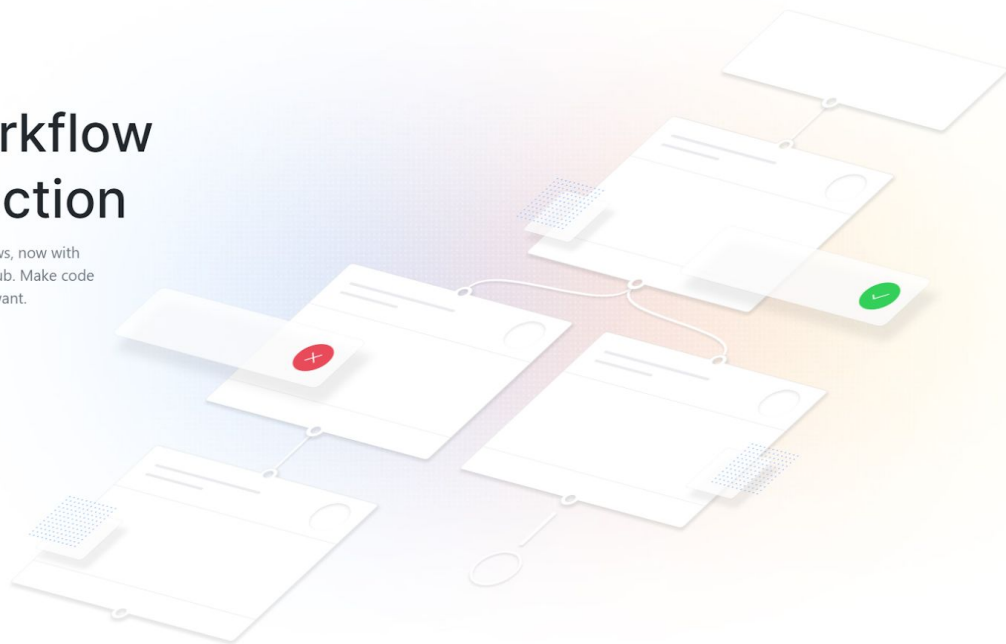
Websites for you and your projects.

Hosted directly from your [GitHub repository](). Just edit, push, and your changes are live.
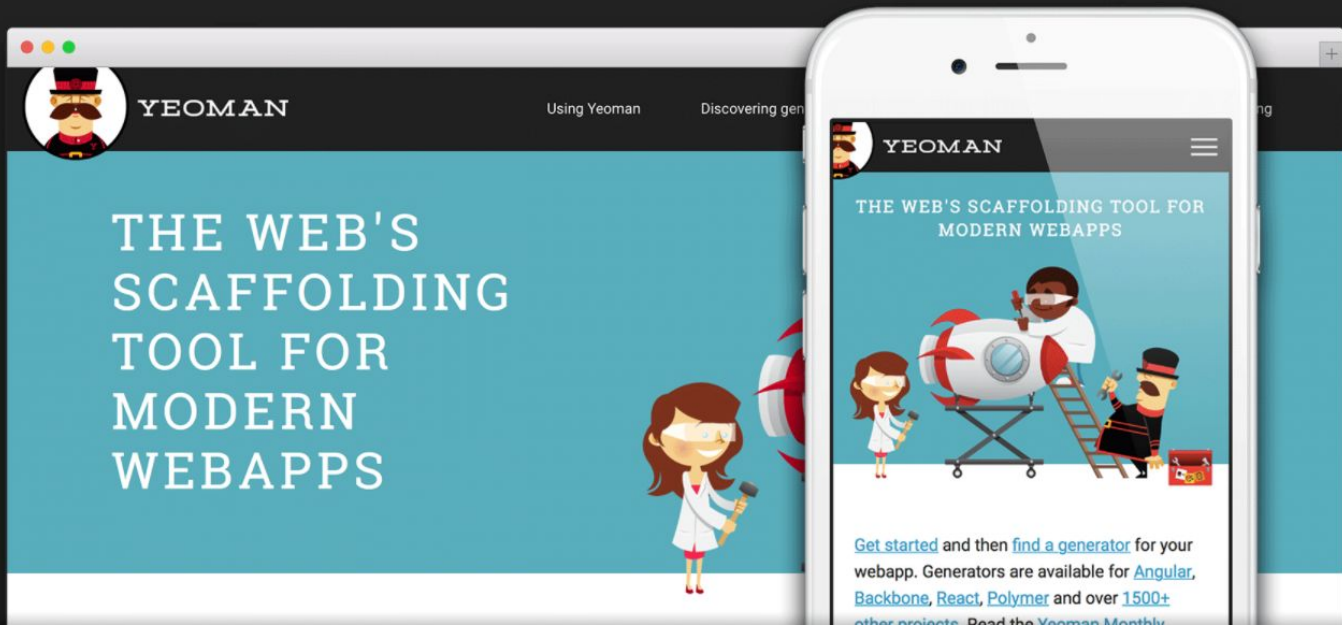
Modern web apps shipped faster

An intuitive git-based workflow. A powerful serverless platform for Jamstack.

Get started in seconds   **Questions? Talk to an expert →**

11,358	$55,835	32,881

$40K

$30K

$20K

$10K

$0K

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT

STARTER

The basics for **personal projects**, hobby sites, or experiments.

Free

✓ Automated builds from Git

✓ Deploy to global Edge network

✓ Site previews for every push

✓ Instant rollbacks to any version

✓ Deploy static assets & dynamic serverless functions

Start for free

PRO

Advanced features and support for building **pilot projects or small sites**.

$ 19 per member /month

✓ **Starter features, plus:**

✓ **Background Functions**

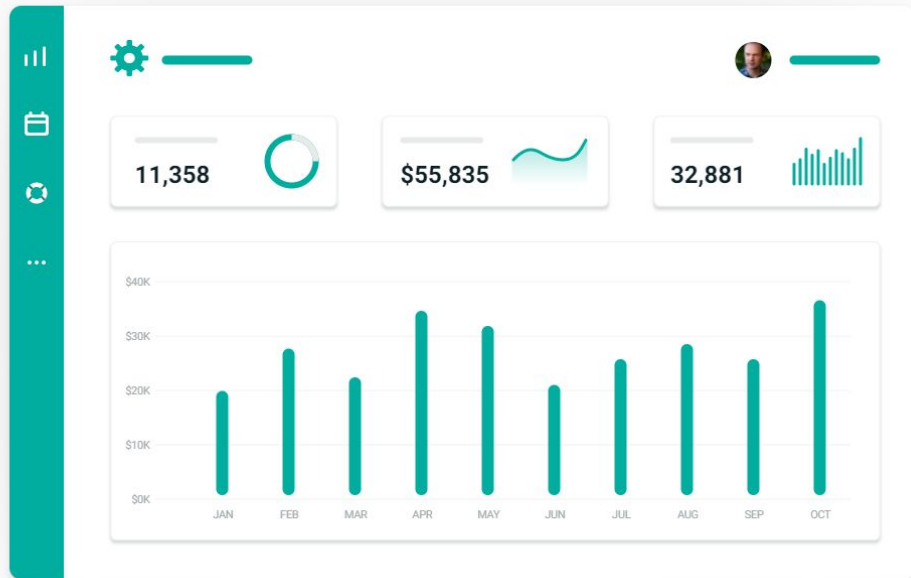✓ **Password-protected sites**

✓ **Audit logs with 7-day history**

✓ 4× bandwidth & 3× build minutes

✓ Shared environment variables

✓ Slack & email notifications

✓ Email support

Buy Pro

BUSINESS

Collaboration, security, & compliance for **scaling web apps and development teams**.

$ 99 per member /month

✓ **Pro features, plus:**

✓ **SAML single sign-on**

✓ **Role-based access control**

✓ **Audit logs with full history**

✓ Unlimited Forms, Identity, & Functions

✓ Unlimited Analytics for all sites

✓ Prioritize time-sensitive builds

✓ Billing administrator role

✓ Self-hosted GitHub/GitLab

Buy Business

ENTERPRISE

A custom plan and services for **mission-critical web properties**

Contact us

Tailored to team and performance requirements.

✓ **99.99% uptime SLA**

✓ **24×7×365 premium support**

✓ **Enterprise-grade global edge network**

✓ **High-performance builds with SLAs**

✓ Custom contracts & invoicing

✓ Security & compliance review

✓ Pentesting and load testing

Contact us

Add more commits by pushing to the **dependabot/go_modules/github.com/stretchr/testify-1.7.0** branch on **ContainerSSH/sshserver**.

❌ **Review required**   Add your review

At least 1 approving review is required by reviewers with write access. Learn more.

✅ **All checks have passed**   Hide all checks

8 successful checks

✓	CodeQL / Analyze (go) (pull_request)	Successful in 1m — Analyze (go)		Details
✓	Lint / Run lint (pull_request)	Successful in 16s	Required	Details
✓	Lint / Run lint (push)	Successful in 18s	Required	Details
✓	Tests / Run tests (pull_request)	Successful in 1m	Required	Details
✓	Tests / Run tests (push)	Successful in 1m	Required	Details
✓	Code scanning results / CodeQL	Successful in 3s	No new alerts	Required	Details

❌ **Merging is blocked**

Merging can be performed automatically with 1 approving review.

As an administrator, you may still merge this pull request.

Squash and merge ▼   You can also open this in GitHub Desktop or view command line instructions.

MkDocs

Project documentation with Markdown.

Overview

MkDocs is a **fast**, **simple** and **downright gorgeous** static site generator that's geared towards building project documentation. Documentation source files are written in Markdown, and configured with a single YAML configuration file. Start by reading the introduction below, then check the User Guide for more info.

Host anywhere

MkDocs builds completely static HTML sites that you can host on GitHub pages, Amazon S3, or anywhere else you choose.

Great themes available

There's a stack of good looking themes available for MkDocs. Choose between the built in themes: mkdocs and readthedocs, select one of the 3rd party themes listed on the MkDocs Themes wiki page, or build your own.

Preview your site as you work

The built-in dev-server allows you to preview your documentation as you're writing it. It will even auto-reload and refresh your browser whenever you save your changes.

Easy to customize

Get your project documentation looking just the way you want it by customizing the theme and/or installing some plugins.

ContainerSSH: Launch containers on demand ✏️

Offering SSH in a web hosting service?

ContainerSSH lets you dynamically create and destroy containers when your users connect. Authenticate against your existing user database and mount directories based on your existing permission matrix.

Read more »

Looking for a Linux learning environment?

With ContainerSSH you can launch Linux-based containers on demand when your students connect. You can supply your own container image and mount folders with learning and testing material as needed.

Read more »

Building a honeypot?

With the dynamic authentication server of ContainerSSH you can capture usernames and passwords, and you container environment can log commands that are executed.

Read more »

Building a high security environment?

ContainerSSH is being used to provide dynamic console access to an environment with sensitive credentials. Use the authentication and configuration server to dynamically provision credentials in conjunction with secret management systems such as Hashicorp Vault.

Read more »

mhausenblas / **mkdocs-deploy-gh-pages**

Watch ▾   1   ⭐ Star   74   Fork   34

<> Code   ⓘ Issues 7   ⑂ Pull requests 1   ▶ Actions   🛡 Security   ⚐ Insights

▶ **Use this GitHub Action with your project**
Add this Action to an existing workflow or create a new one.

View on Marketplace

ᛘ master ▾   ᛘ **2** branches   ⬙ **26** tags

Go to file   Add file ▾   🗂   ⬇ Code ▾

🤖 **dependabot** Bump squidfunk/mkdocs-material from 6.2.4 to 6.2.5 (#65) ⋯   ✕ bbab9fe 4 days ago   ⏱ **77** commits

📁 .github	Bump actions/checkout from v2.3.3 to v2.3.4 (#44)	3 months ago
📄 Dockerfile	Bump squidfunk/mkdocs-material from 6.2.4 to 6.2.5 (#65)	4 days ago
📄 LICENSE	Initial commit	13 months ago
📄 README.md	Fixes #13: Allow adding extra packages to the build image. (#57)	18 days ago
📄 action.sh	Fixes #13: Allow adding extra packages to the build image. (#57)	18 days ago
📄 action.yml	simplifies action	13 months ago

📄 README.md   ✏

About

GitHub Action to deploy an MkDocs site to GitHub Pages

📖 Readme

⚖ Apache-2.0 License

Releases 26

⬙ **Separate non-Material deploys** Latest
on Oct 28, 2020

+ 25 releases

Packages

No packages published
Publish your first package

docker

Why Docker?   Products   Developers   Pricing   Company

Sign In   **Get Started**

Open Source Community Application

Docker is committed to supporting the open source community and we thank our open source community for their contributions. Please complete our application to get more information about how Docker can support your open source project on Docker Hub.

Start Application

Some Quay builds relying on Docker Hub may fail due to their new rate limiting policies. Please move your base images into Quay directly to ensure that your builds succeed. For more information see how to mitigate docker hub pull request limits.

Quay [builds, analyzes, distributes] your container images

TRY FOR FREE ON PREMISES

TRY FOR FREE ON CLOUD

podman   docker   rkt

Terraform

Overview   Editions ⌄   Registry   Tutorials   Docs ⌄   Community   GitHub   Download CLI   Terraform Cloud

Write, Plan, Apply

Terraform is an open-source infrastructure as code software tool that provides a consistent CLI workflow to manage hundreds of cloud services. Terraform codifies cloud APIs into declarative configuration files.

Get started

```
→ iac-in-action git:(main) ✗ terraform init

Initializing the backend...

Initializing provider plugins...
- Finding hashicorp/tls versions matching "~> 2.1"...
- Finding hashicorp/http versions matching "1.2.0"...
- Finding hashicorp/aws versions matching "~> 2.70"...
- Finding hashicorp/local versions matching "~> 1.4.0"...
- Installing hashicorp/tls v2.2.0...
- Installed hashicorp/tls v2.2.0 (signed by HashiCorp)
- Installing hashicorp/http v1.2.0...

—
```

0.3.0

Compare ▾

github-actions released this on Oct 21, 2020

This is a *feature release*. Upgrade at your own leisure.

Changelog

#36 Monitoring: ContainerSSH now exposes Prometheus metrics on port 9100 for monitoring purposes if enabled. See the metrics documentation for details

Docker images

- `docker pull janoszen/containerssh:latest`

- `docker pull janoszen/containerssh:0.3`

- `docker pull janoszen/containerssh:0.3.0`

- `docker pull docker.pkg.github.com/janoszen/containerssh/containerssh:latest`

- `docker pull docker.pkg.github.com/janoszen/containerssh/containerssh:0.3`

- `docker pull docker.pkg.github.com/janoszen/containerssh/containerssh:0.3.0`

▸ Assets 12

ContainerSSH / ContainerSSH

Unwatch ▾   8   ☆ Star   129   ⑂ Fork   16

<> Code   ⓘ Issues 11   ⅋ Pull requests   ⬡ Discussions   ▶ Actions   ⛊ Security   ⩘ Insights   ⚙ Settings

⑂ main ▾   ⑂ 1 branch   ⬚ 10 tags   Go to file   Add file ▾   ⬡   ⬡   ⬇ Code ▾

janoszen Fixed deprecation notice   ✓ e4977af 6 hours ago   ⊙ 167 commits

📁 .github	Split PR builds	9 hours ago
📁 cmd	Preliminary e2e tests	16 days ago
📁 example	0.4 (#73)	last month
📁 features	Preliminary e2e tests	16
📁 test/protocol	Preliminary e2e tests	16 days ago
📄 .dockerignore	Package name refactor, license and badges	8 months ago
📄 .gitignore	Moving to "main" branch	last month
📄 .goreleaser.yaml	Temporarily removed DEB signing	9 hours ago
📄 CODE_OF_CONDUCT.md	COC and CONTRIBUTING	8 months ago
📄 CONTRIBUTING.md	Removed block about issues.	2 months ago
📄 Dockerfile-testauthconfigserver.gorel...	Fixed authconfig server build	3 months ago

About   ⚙

ContainerSSH: Launch containers on demand

🔗 containerssh.io/

docker   kubernetes   ssh   security
containers   security-tools   devsecops

📖 Readme

⚖ MIT License

Releases

🏷 10 tags

Create a new release

Packages 2

Setting up the website development environment

This website is developed using mkdocs using the Material theme. This guide will run you through the steps of setting it up.

Installing Python

You can download Python from the official website. You will need at least Python 3.8.

Cloning the repository

In order to develop this website you will need to clone the repository:

```
git clone https://github.com/containerssh/containerssh.github.io
```
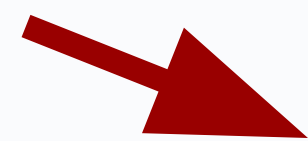
Creating a venv

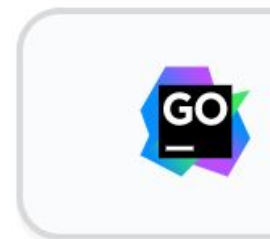Once you have all that done we recommend you create a venv to avoid polluting your computer with packages:

Development Dashboard

Repository	Title	Created	Mergeable	Checks
auditlog	Bump github.com/aws/aws-sdk-go from 1.36.27 to 1.36.30	0 days ago	✅	❌
log	Bump github.com/stretchr/testify from 1.6.1 to 1.7.0	8 days ago	✅	✅
adnserver	Bump github.com/google/uuid from 1.1.4 to 1.1.5	7 days ago	✅	✅
adnserver	Bump github.com/stretchr/testify from 1.6.1 to 1.7.0	8 days ago	✅	✅
auditlogintegration	Bump github.com/containerash/auditlog from 0.9.7 to 0.9.9	4 days ago	✅	✅
auth	Bump github.com/stretchr/testify from 1.6.1 to 1.7.0	8 days ago	✅	✅
auth	Bump github.com/containerash/log from 0.9.7 to 0.9.9	9 days ago	✅	✅
auth	Bump github.com/containerash/http from 0.9.4 to 0.9.5	23 days ago	✅	❌
http	Bump github.com/stretchr/testify from 1.6.1 to 1.7.0	8 days ago	✅	✅
http	Bump github.com/containerash/log from 0.9.6 to 0.9.9	9 days ago	✅	✅
authintegration	Bump github.com/stretchr/testify from 1.6.1 to 1.7.0	8 days ago	✅	✅
configuration	Bump github.com/containerash/adnserver from 0.9.14 to 0.9.16	8 days ago	✅	❌
configuration	Bump github.com/containerash/kubernetes from 0.9.5 to 0.9.6	9 days ago	✅	❌
configuration	Bump github.com/containerash/log from 0.9.6 to 0.9.9	9 days ago	✅	✅
configuration	Bump github.com/containerash/docker from 0.9.7 to 0.9.8	9 days ago	✅	❌
configuration	Bump github.com/docker/docker from 20.10.1+incompatible to 20.10.2+incompatible	16 days ago	✅	✅
geoip	Bump github.com/stretchr/testify from 1.6.1 to 1.7.0	8 days ago	✅	✅
metrics	Bump github.com/stretchr/testify from 1.6.1 to 1.7.0	8 days ago	✅	✅
metrics	Bump github.com/containerash/log from 0.9.6 to 0.9.9	9 days ago	✅	✅
metrics	Bump github.com/containerash/geoip from 0.9.3 to 0.9.4	23 days ago	✅	✅
kuberun	Bump k8s.io/api from 0.20.0 to 0.20.1	32 days ago	✅	❌
kuberun	Bump k8s.io/kubectl from 0.20.0 to 0.20.1	32 days ago	✅	❌
kuberun	Bump k8s.io/apimachinery from 0.20.0 to 0.20.1	32 days ago	✅	❌
kuberun	Bump k8s.io/client-go from 0.20.0 to 0.20.1	32 days ago	✅	❌
service	Bump github.com/stretchr/testify from 1.6.1 to 1.7.0	8 days ago	✅	✅
structutils	Bump github.com/stretchr/testify from 1.6.1 to 1.7.0	8 days ago	✅	✅
unisutils	Bump github.com/matryer/moq from 1.0.10 to 1.0.11	4 days ago	✅	✅
unisutils	Bump github.com/stretchr/testify from 1.6.1 to 1.7.0	8 days ago	✅	✅
kubernetes	Bump k8s.io/api from 0.20.1 to 0.20.2	8 days ago	✅	✅
kubernetes	Bump github.com/stretchr/testify from 1.6.1 to 1.7.0	8 days ago	✅	✅
kubernetes	Bump github.com/containerash/adnserver from 0.9.15 to 0.9.16	8 days ago	✅	✅
kubernetes	Bump k8s.io/client-go from 0.20.1 to 0.20.2	8 days ago	✅	✅
kubernetes	Bump k8s.io/apimachinery from 0.20.1 to 0.20.2	8 days ago	✅	✅
docker	Bump github.com/stretchr/testify from 1.6.1 to 1.7.0	8 days ago	✅	❌
docker	Bump github.com/containerash/adnserver from 0.9.15 to 0.9.16	8 days ago	✅	✅

Issues 2   Pull requests 253

Go to file   Add file ⌄

Janos & Sanja

containerssh   https://containerssh.github.io/

announcements
rules
feedback
staff

OPEN SOURCE PROJECTS
containerssh

COMMUNITY
hello-world
lounge
technology
outdoor
fun
showcase
music
gaming

PRIVATE
ec
cerberus

DEPRECATED

12:47 PM **janoszen** Development dashboard is up, keep tabs on what's going on. https://containerssh.github.io/development/dashboard/

ContainerSSH: Launch containers on demand
Dashboard
ContainerSSH is a standalone, customizable SSH server that launches containers in Kubernetes or Docker

December 24, 2020

7:19 PM **janoszen** https://containerssh.io/blog/2020/12/24/the-agent/

ContainerSSH: Launch containers on demand
Announcing the ContainerSSH Guest Agent
The new ContainerSSH guest agent will level the playing field across container backends.

December 28, 2020

10:47 AM **janoszen** We are removing a replacing a few features with better ones in the next release:
https://containerssh.io/deprecations/

ContainerSSH: Launch containers on demand
Deprecations
ContainerSSH is a standalone, customizable SSH server that launches containers in Kubernetes or Docker

Message #containerssh

janoszen
#4909

Type here to search

ENG
8:26 PM
1/22/2021

Don't be just a megaphone.

Engage.

Choose an open source license

An open source license protects contributors and users. Businesses and savvy developers won't touch a project without this protection.

{ Which of the following best describes your situation? }

I need to work in a community.

Use the **license preferred by the community** you're contributing to or depending on. Your project will fit right in.

If you have a dependency that doesn't have a license, ask its maintainers to **add a license**.

I want it simple and permissive.

The **MIT License** is short and to the point. It lets people do almost anything they want with your project, like making and distributing closed source versions.

Babel, **.NET Core**, and **Rails** use the MIT License.

I care about sharing improvements.

The **GNU GPLv3** also lets people do almost anything they want with your project, *except* distributing closed source versions.

Ansible, **Bash**, and **GIMP** use the GNU GPLv3.

{ What if none of these work for me? }

My project isn't software.

There are licenses for that.

I want more choices.

More licenses are available.

I don't want to choose a license.

Here's what happens if you don't.

About   Terms of Service   Help improve this page

Curated with ❤ by GitHub, Inc. and You!

choosealicense.com

Liability and Warranty

"...a general exclusion of liability is not valid facing European courts..."
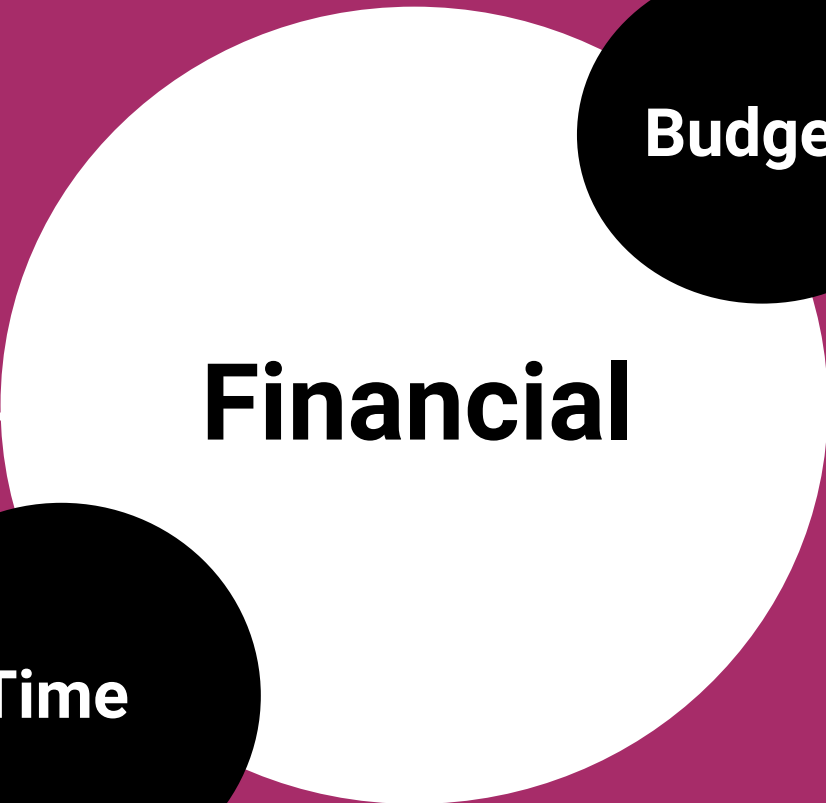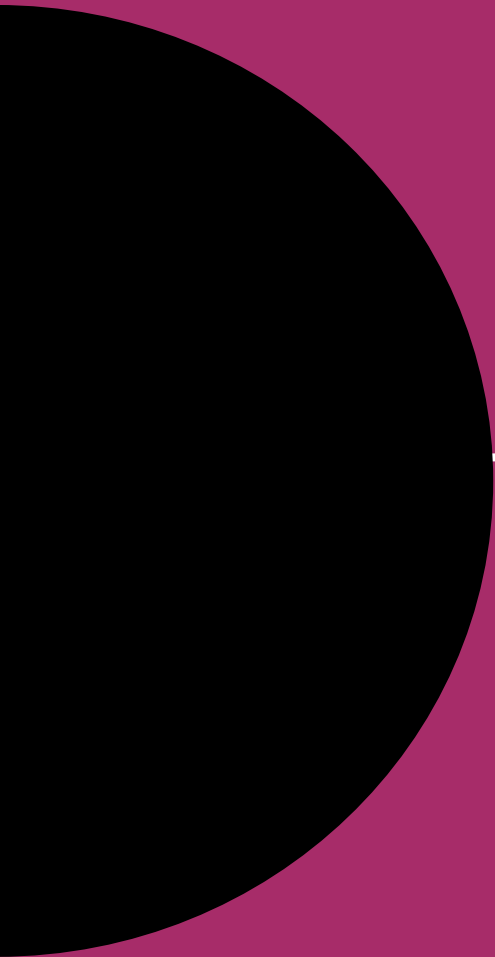
- **What damage can you cause?**

- **Do you regularly update it?**

- **Do your otherwise paying customers need it?**

Trademark

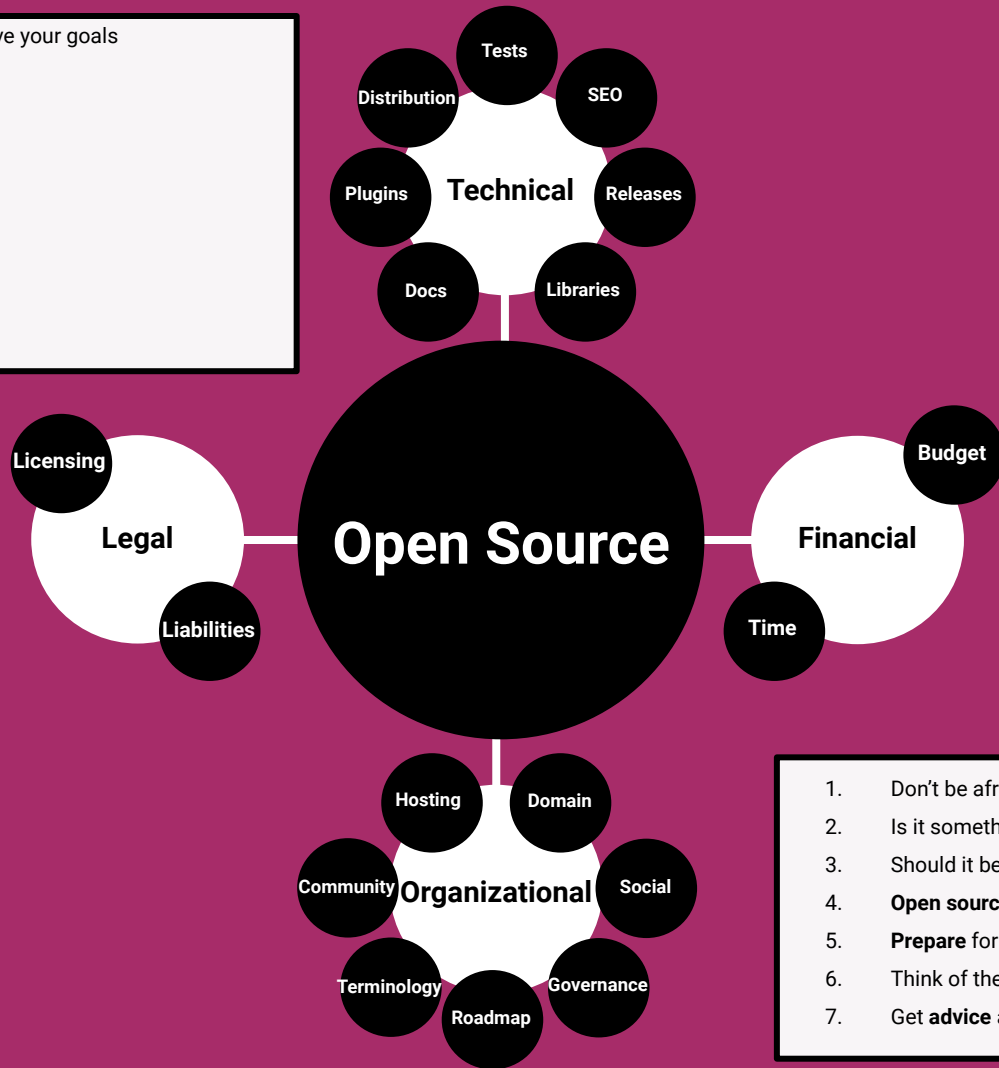Does your license allow your competitors to use your name?

Patents

Does your license allow your competitors to use your patents?

Time is money, friend!

1. Use the **tools** you can to achieve your goals
   a. GitHub/Gitlab
   b. Docs/Blog engines
2. Choose a **license**
3. **Automate**
4. **Test**
5. Have **fun**
6. ???
7. Maybe **profit**?

Tests
SEO
Distribution
Plugins
Technical
Releases
Docs
Libraries

Licensing
Legal
Liabilities

Open Source

Budget
Financial
Time

Hosting
Domain
Community
Organizational
Social
Terminology
Roadmap
Governance

1. Don't be afraid to **delete**!
2. Is it something you want to be **associated** with?
3. Should it be running as org or under your personal **account**?
4. **Open source** or **freeware**?
5. **Prepare** for people
6. Think of the **revenue** options down the line
7. Get **advice** and opinions

debugged.it