How to Set Your Code Free

Unleashing the Power of Open-Source for Internal Projects

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Agenda

- Brief Introduction to Open-Source Philosophy
- Open Sourcing an Internal Project
- Choosing the Right Open-Source License
- Preparing Your Codebase
- Creating a Collaborative Environment
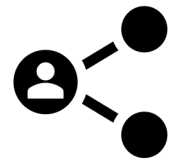- Promoting Your Open-Source Project

What is Open-Source?

Transparency

Innovation

Collaboration

Accessibility

Open-sourcing an Internal Project

What is an Internal Project?

Why open-source?

Increased Innovation Community Collaboration
Rapid Development Quality Improvement **Cost Savings**
Elevated Visibility **Talent Attraction** Adaptability and Flexibility
Long-term Sustainability **Positive Brand Image**
Security Enhancement Regulatory Compliance

Choosing the Right Open-Source License

Popular Open-Source Licenses

- MIT License
- GNU General Public License (GPL)
- Apache License 2.0

Recommendations

- License should align to your project goals
- Check out https://spdx.org/licenses/ and https://www.tldrlegal.com
- Include a clear license file in your repository
- Make it easy for contributors to add the license header in their code

Preparing Your Codebase

Codebase Clean-up
Sensitive/proprietary info
Coding standards
Linters and formatters

Documentation
Code comments
API documentation

Version Control
Initialize a **.gitignore** file
Clear commit history
Tag releases

Build & Deployment
Automated builds
Deployment instructions

Creating a Collaborative Environment

Version Control Repository

Github, GitLab, Bitbucket etc.
Make it public

Contribution Guidelines

Contributor License Agreement (CLA)
Contributing Guidelines
Coding Standards

The README File

Clear project overview
Installation instructions
Usage examples

Encouraging Contributions

Issue templates
Good first issue label
Documentation tasks
Acknowledge contributors!

Promoting Your Open-Source Project

Community Engagement
- Social media
- Community forums/chat

Educational Content
- Video Tutorials
- Blog Posts

Other
- Showcase success stories and use cases
- Conferences / meetups

Resources
- https://spdx.org/licenses/
- https://www.tldrlegal.com/
- https://github.com/adobe/starter-repo

Example repos
- https://github.com/adobe/k8s-shredder
- https://github.com/adobe/cluster-registry

Get in touch

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