

Open Source Engagement

lwhsu (2020, CC BY)

交大資工系資訊中心

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Open Source: What

- Open-Source Software != Free Software
 - <https://opensource.org/osd>
 - https://en.wikipedia.org/wiki/Open-source_software
- Freeware
- <-> Proprietary Software
- Public Domain

Open Source: Why

- Nowadays the information industry is heavily based on open source software
 - as well as hardware
- Many benefits if you can leverage them
 - Excellent learning resource
 - Accumulate experience and reputation
 - Fun

Things you want to know first

- Not necessary the best
- Sometimes it costs most
- Things suitable for others aren't always suitable for you.
- An open source project shouldn't be a place you can ask for anything for free, but should be a place you can work on anything freely.
- What is your primary goal?

Now and then, then and now

- Hacker Culture
- Commercial Strategy

Roles

- One of, some of, or all of:
 - User
 - Contributor
 - Developer
- COSCU`P`
 - Promoter

Tracking

- Release
 - Version number
 - Semantic Versioning (<https://semver.org>)
 - Announcements
 - Release Note, ChangeLog
 - Errata, Security Advisories
 - Preview (RC, BETA, ...)
- Development
 - Commit message in VCS (version control system)
 - Issue tracker
 - Mailing lists, Forums

Joining

- Contribute back & Evolve together
- Documenting
 - Also for the future you
- Reporting Issue
 - Save other's time
 - https://developer.mozilla.org/en-US/docs/Mozilla/QA/Bug_writing_guidelines
- Discussing (Design)
- Patching (Implement)
- Commit message
 - Code review

Legal

- IANAL
 - I am not a lawyer
 - But knowing this will benefit (save?) you
- License
- Patent
- (CLA) Contributor License Agreement

Community

- Mailing list
- Forums
- Instant message group
 - IRC
 - (and many other modern options)
- Meetup
- Conference
- Online/offline note, article, books
- Commercial Support

Working with others

- Open Source Enlightenment
 - <https://www.slideshare.net/autang/open-source-enlightenment>
 - Allison Randal & Audrey Tang
 - -Ofun