![PTB – Physikalisch-Technische Bundesanstalt, Nationales Metrologieinstitut]

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OSI² Build Workshop

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slides available under CC-BY-4.0

source: https://md.opensourceecology.de/p/HUXSfAfr7#/
```

Contribution Management

In 4 easy steps.

1. Going Public

Let people know that you exist.

Single Source of Truth:

gitlab.com/osii

```
- incorporating existent work
- A4IM group for private repositories
```

Do you have an active repository that is relevant for OSI²?

↓

please send the link to martin.haeuer@ptb.de

🙏

2. Licensing

Grant people with the rights to use your work.

no license = no rights

no license = no rights

license recommendations

3. Collaborative Development

If you want to go fast, go alone,
if you want to go far, go together.

We use git

`*the* tool for decentralized version control`

- ## consistent versioning

- ## parallel development

- ## fully open source
- ## works on all platforms

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9

We use git

the tool for decentralized version control

- consistent versioning
  even for retrospective bug fixes!
- parallel development
  without interference!
- fully open source
- works on all platforms

git in Practice

Example: OpenFlexure Microscope

Structure for OSI²

- 1 repository per project
- ≥1 maintainer per repository
- use recommended licenses
- guide for versioning & branch management

Issue Management

bye bye eMail threads

Example: OSI² Issues

use issues 🙏

eMail threads are:

- ●
- ●
- ●

use issues 🙏

eMail threads are:

- intransparent
-
-

use issues 🙏

eMail threads are:

- intransparent
- lost forever
-

use issues 🙏

eMail threads are:

- intransparent
- lost forever
- not tracked

If you want something to be:

- open & transparent
- documented
- implemented

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- open & transparent
- documented
- implemented

use issues; not eMails

If you ever run into issues using:

- git
- open source licenses
- markdown

please feel free to reach out to
martin.haeuer@ptb.de

4. Community Communication Channel

"How can I reach you?"

#osii:matrix.org

Q&A