# Alternative episodes for the 4 Open Source Software (4OSS) recommendations lesson

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https://github.com/elixir-europe/BioHackathon

/training
/alternative episodes ...
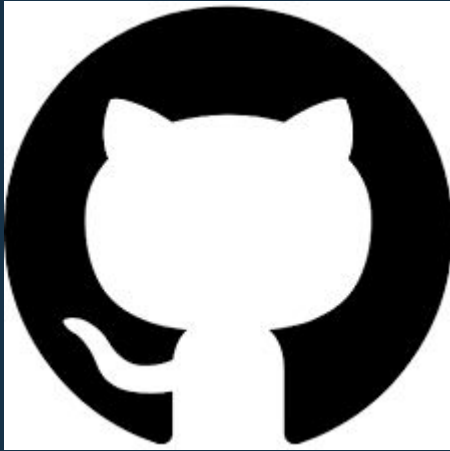
# Background information

# Background

- Software Development Best Practices WG in Tools Platform
- Four simple recommendations to encourage best practices in research software

# Background

"Reference implementation" of the lessons

# Motivation for the Biohackathon project

We need to teach other implementations too

# Goals of the hacking project

# Goal and expected outcome

- **General goal of the hacking project**
    - New lesson episodes' variants teaching those other cases
- **Expected results** at the end of the hackathon
    - List of different episodes we will need to address different platforms and forms of software
    - Episode teaching about making software open on GitLab
    - Episode teaching about distributing research software when it is a notebook
        - Use of docker
        - My Binder

# Post-biohackathon perspectives

- Finalise the new episodes
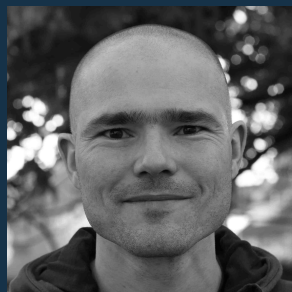- Teach workshops based on 4OSS lesson
- Improve the lesson

# Hack organisation

# Organisation of the hacking project

- **Call for additional expertise from biohackathon attendees**
  - **Containers**
  - **Jupyter notebooks**
  - **mybinder**
  - **GitLab**

# Organisation of the hacking project

- Duration: Tusday Afternoon - Friday
- Project representation at the biohackathon

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# Links

**https://gitter.im/bh2018paris/16-4OSS-TrainingEpisodes**

**https://softdev4research.github.io/recommendations/**

**https://github.com/SoftDev4Research/4OSS-lesson**

**https://github.com/SoftDev4Research/4OSS-lesson/blob
/gh-pages/BH18**