

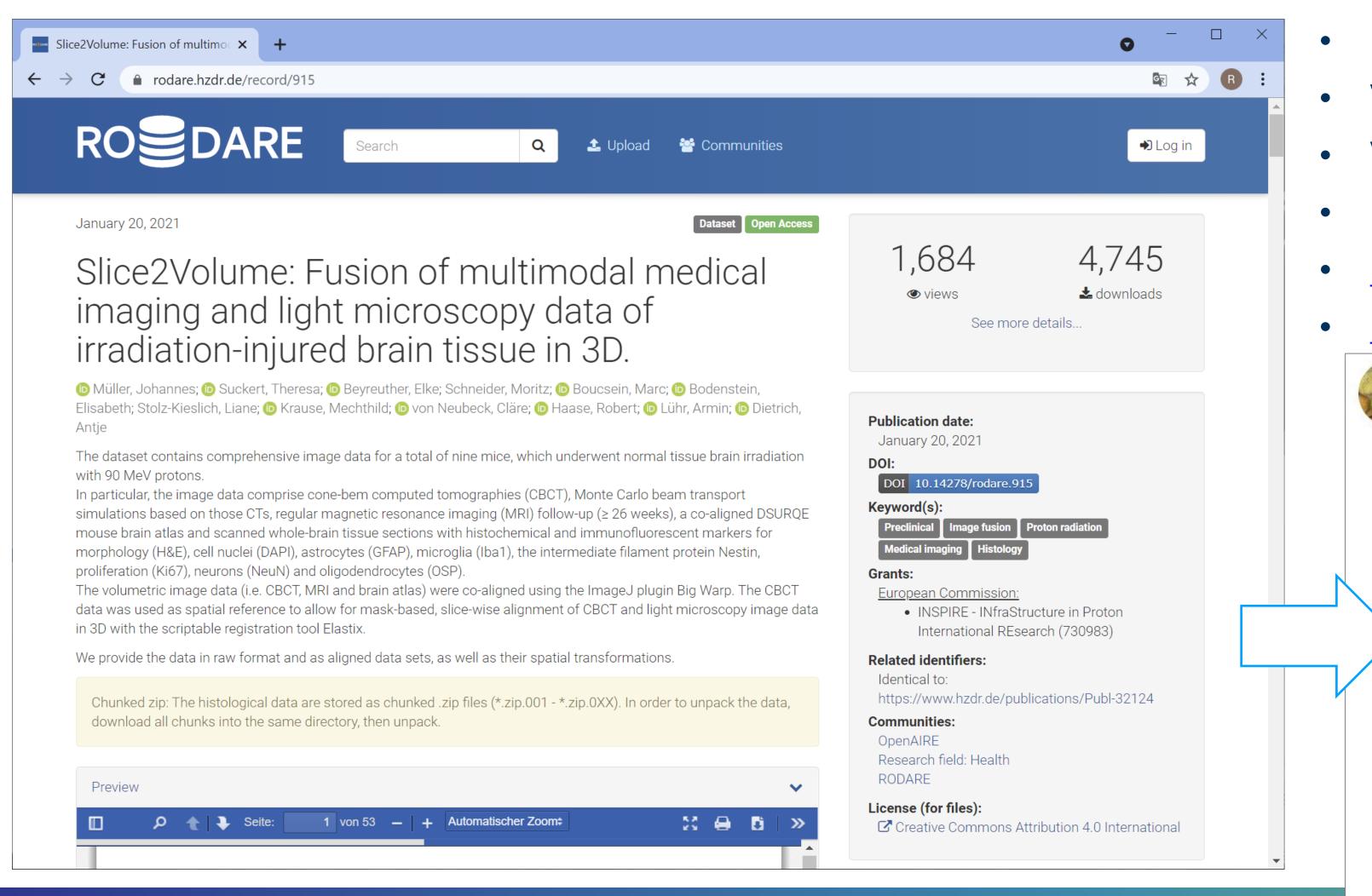






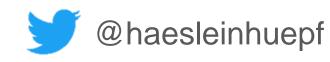
Use cases: Data





- Unique datasets
- Valuable for biologists
- Valuable for software developers
- Institutional servers / services
- https://idr.openmicroscopy.org/
- https://zenodo.org





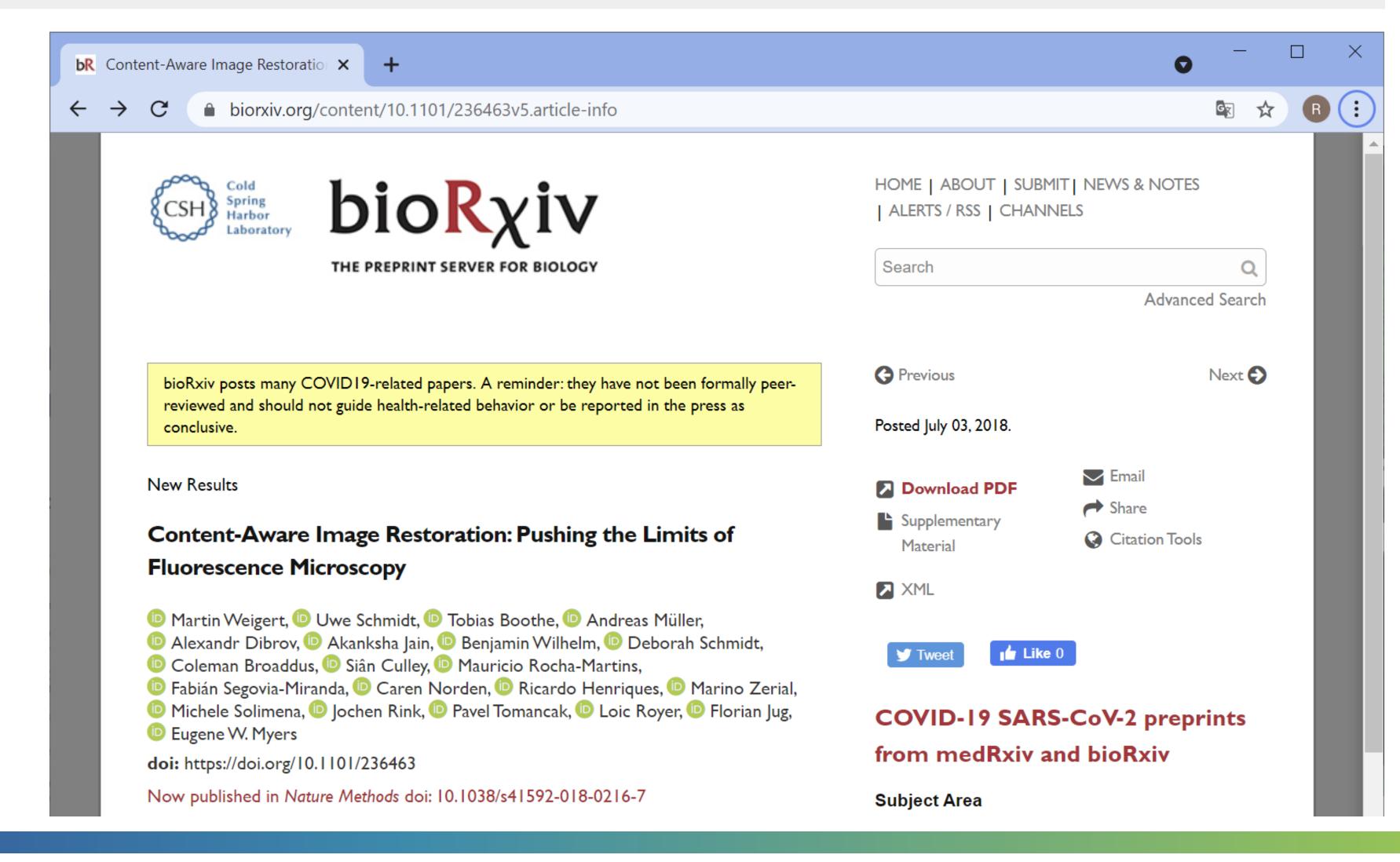


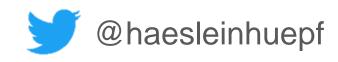


Use cases: Manuscripts



- Preprints
 - Accessible / reusable
 - https://arxiv.org/
 - https://biorxiv.org/
 - https://medrxiv.org/
- Journals









Use cases: Teaching material

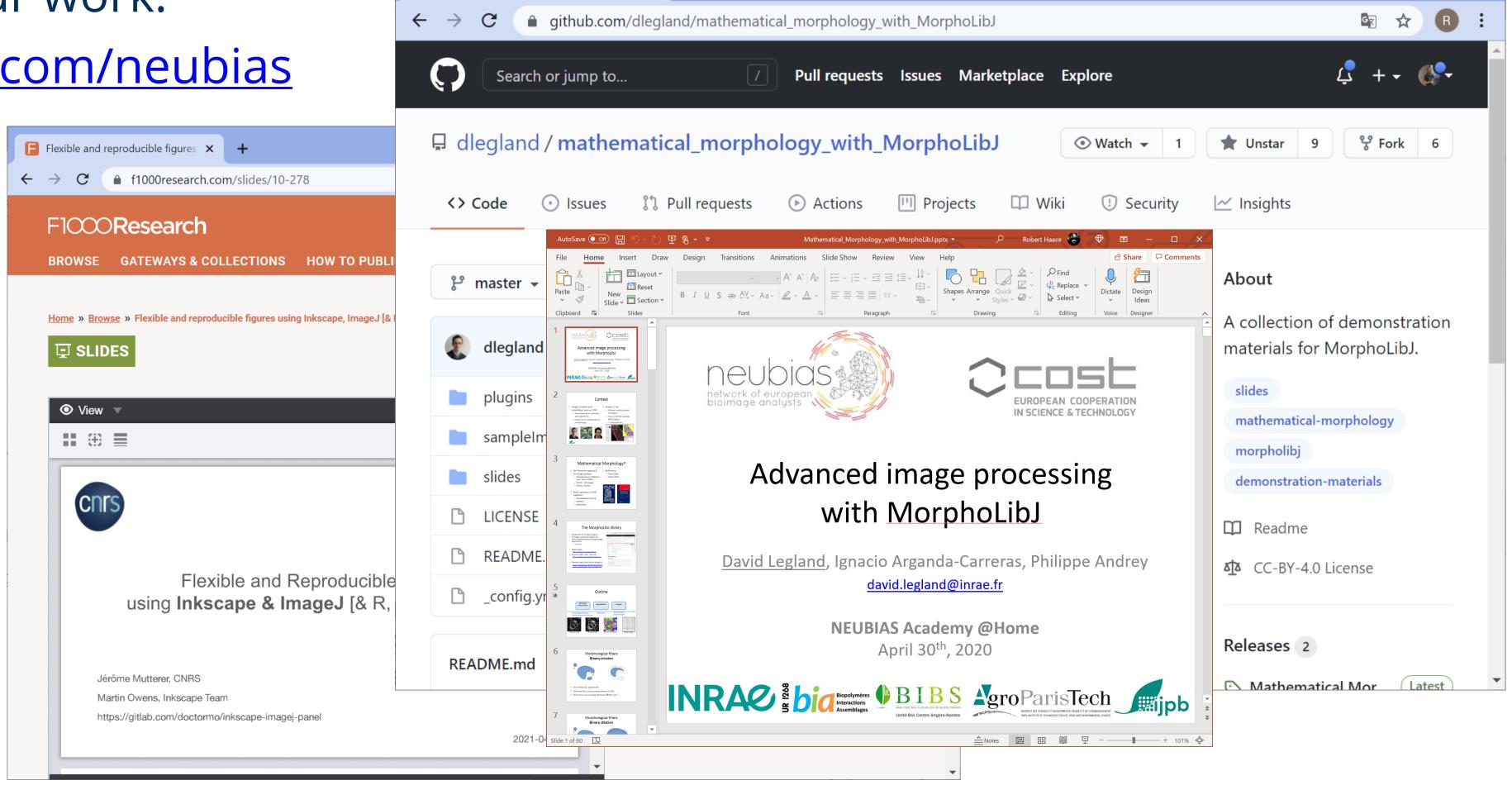


Re-using, advertising your work.

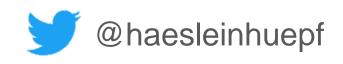
• https://f1000research.com/neubias

• https://figshare.com

https://github.com



dlegland/mathematical_morphole X



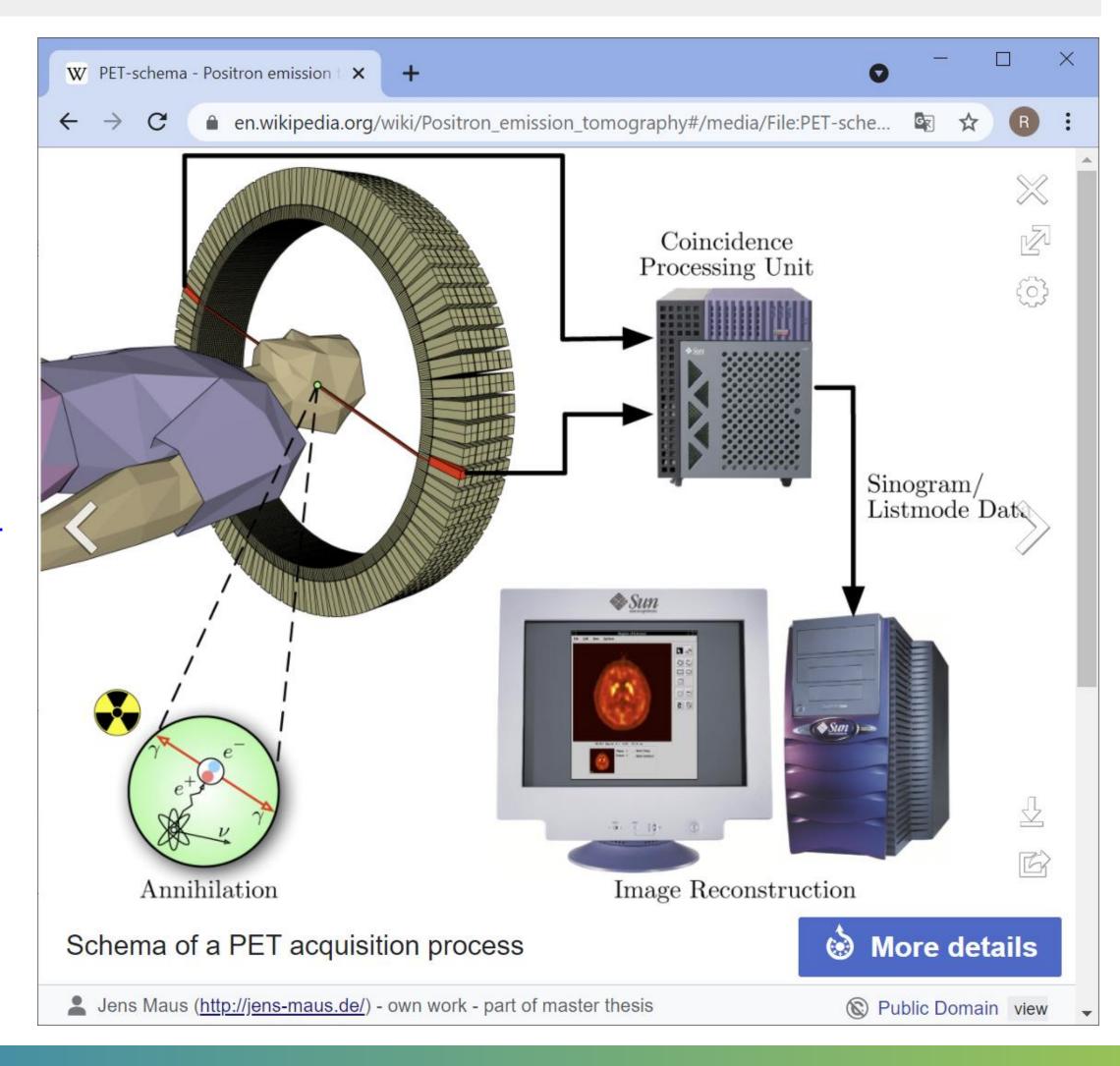




Use cases: Figures



- Share efforts
 - Talk about each others' work
- Advertise your work
- ... because our work is often publicly funded
- https://commons.wikimedia.org/wiki/Main_Page
- https://figshare.com







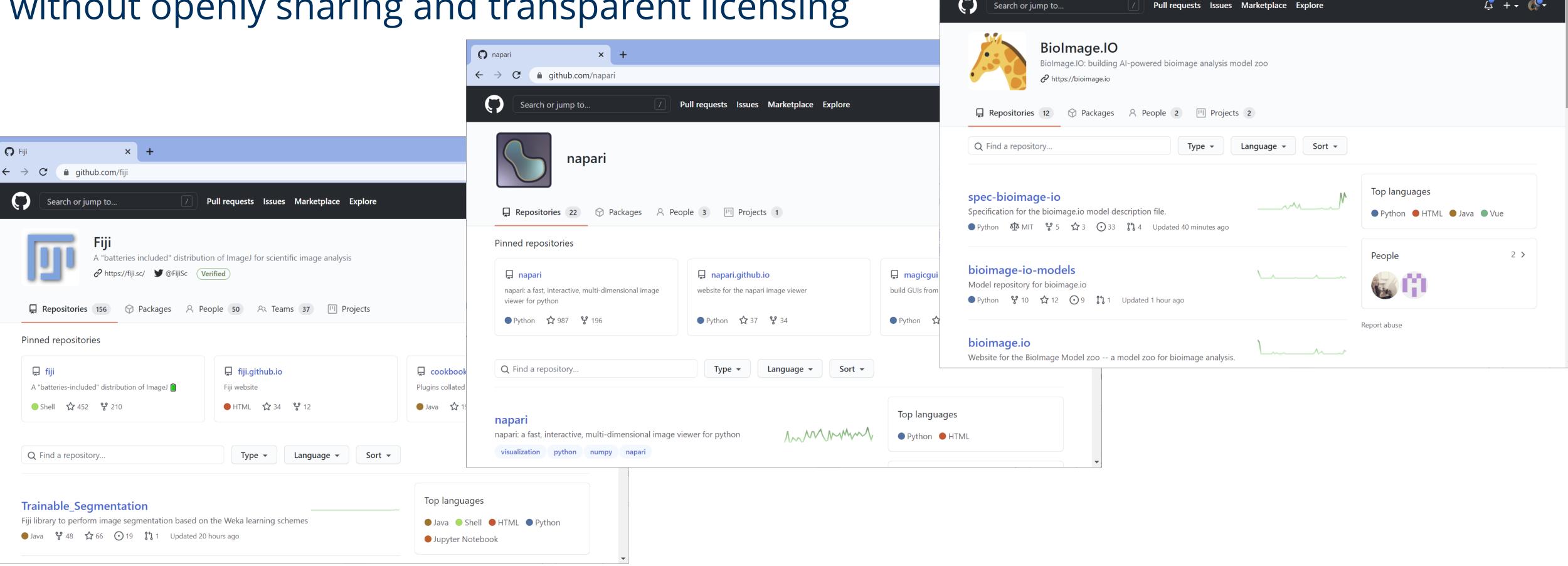


Use cases: Code



□ # © ☆ R

Collaboration in open-source projects *unthinkable* without openly sharing and transparent licensing



Biolmage.IO

← → C a github.com/bioimage-io





FAIR sharing



Findable

Meta-data, unique identifiers, searchable databases

Accessible

- Open & free protocols
- Authentication / authorization

Interoperable

- [meta] data use a formal, accessible, shared, broadly accessible language
- References to other [meta]data

Reusable

• Properly licensed, associated relevant meta data, community-relevant community standards

Open Access

The FAIR principles have nothing to do with "Open Access"

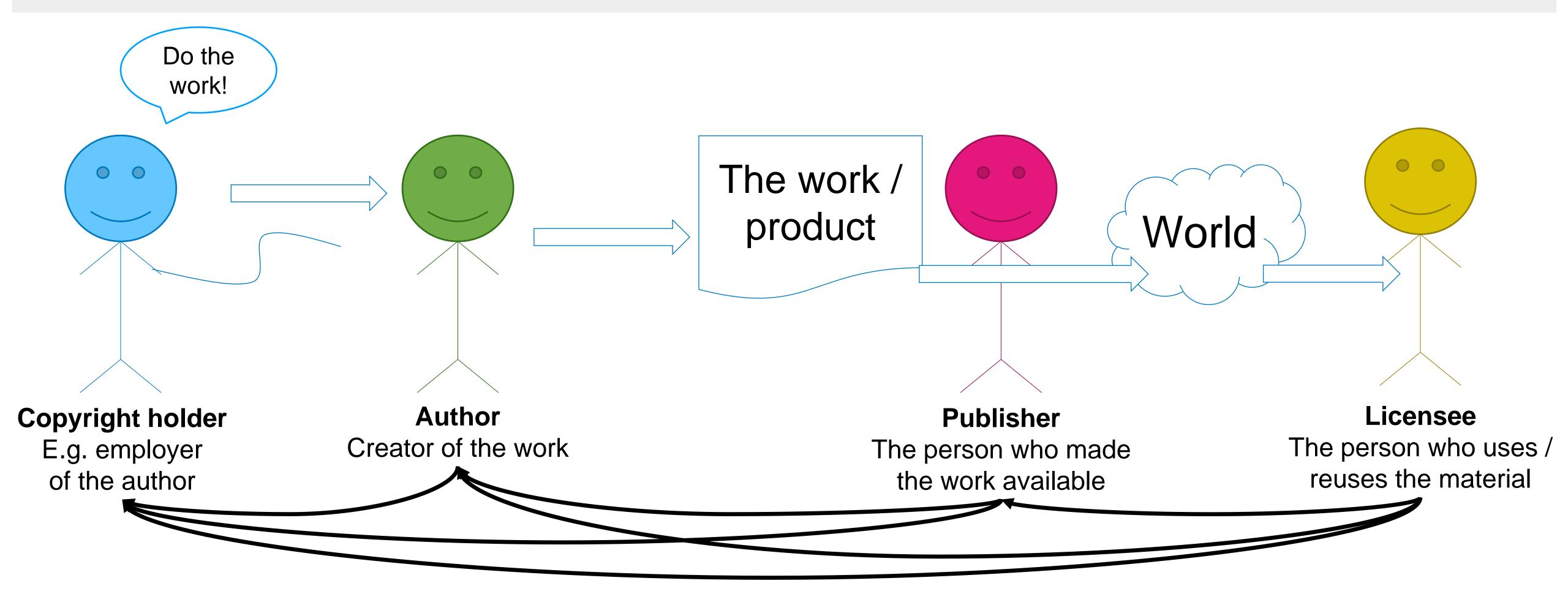




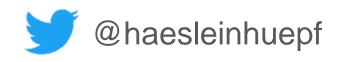


Terminology





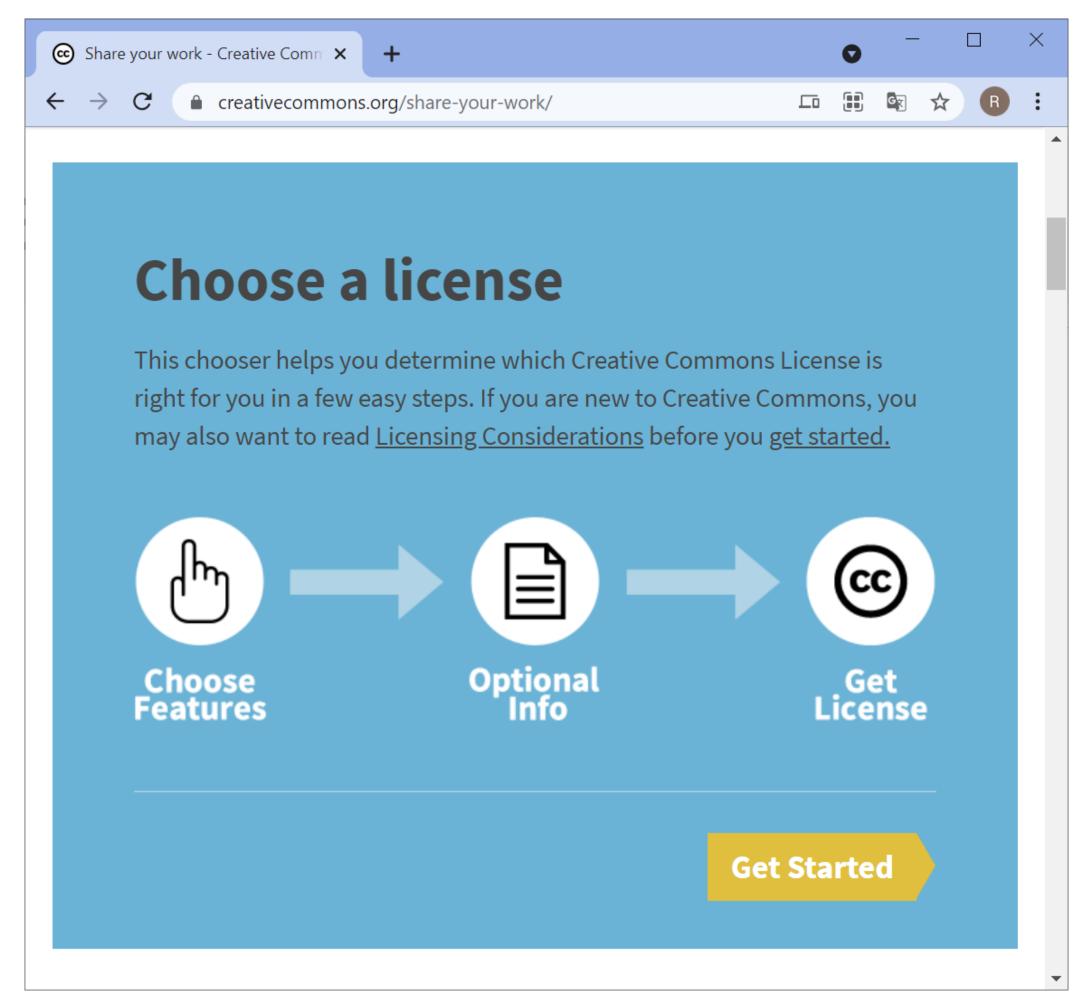
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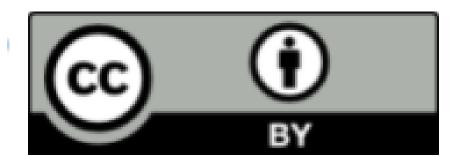
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Example



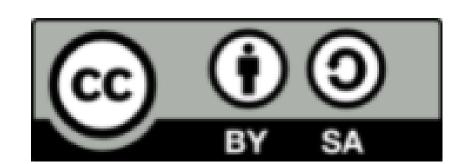
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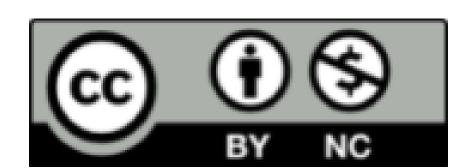
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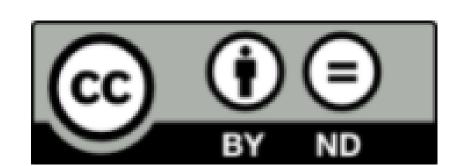
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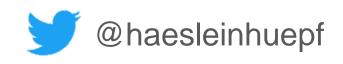
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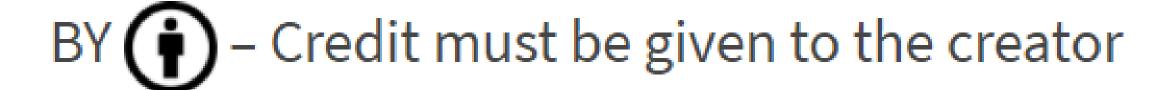




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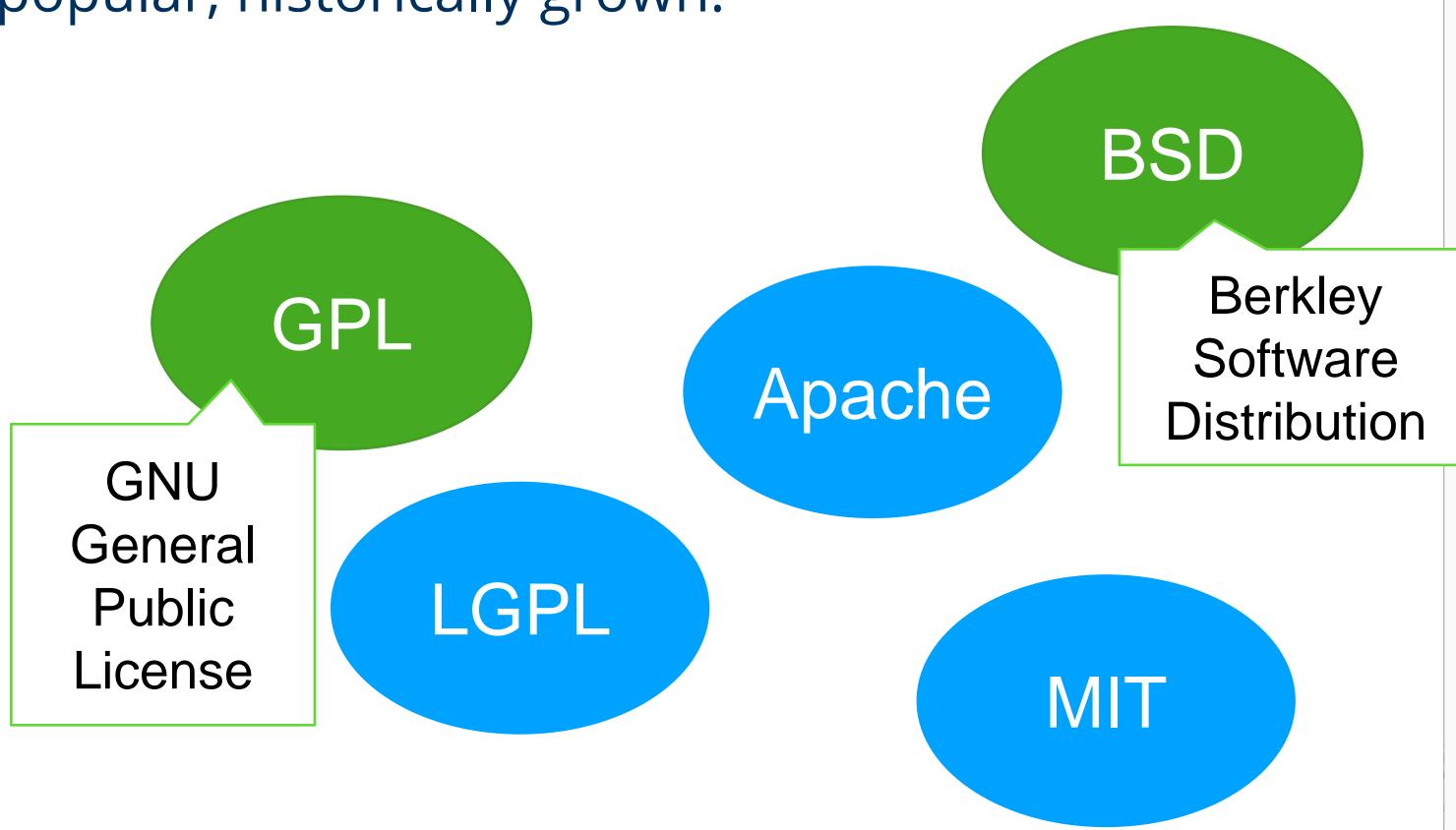


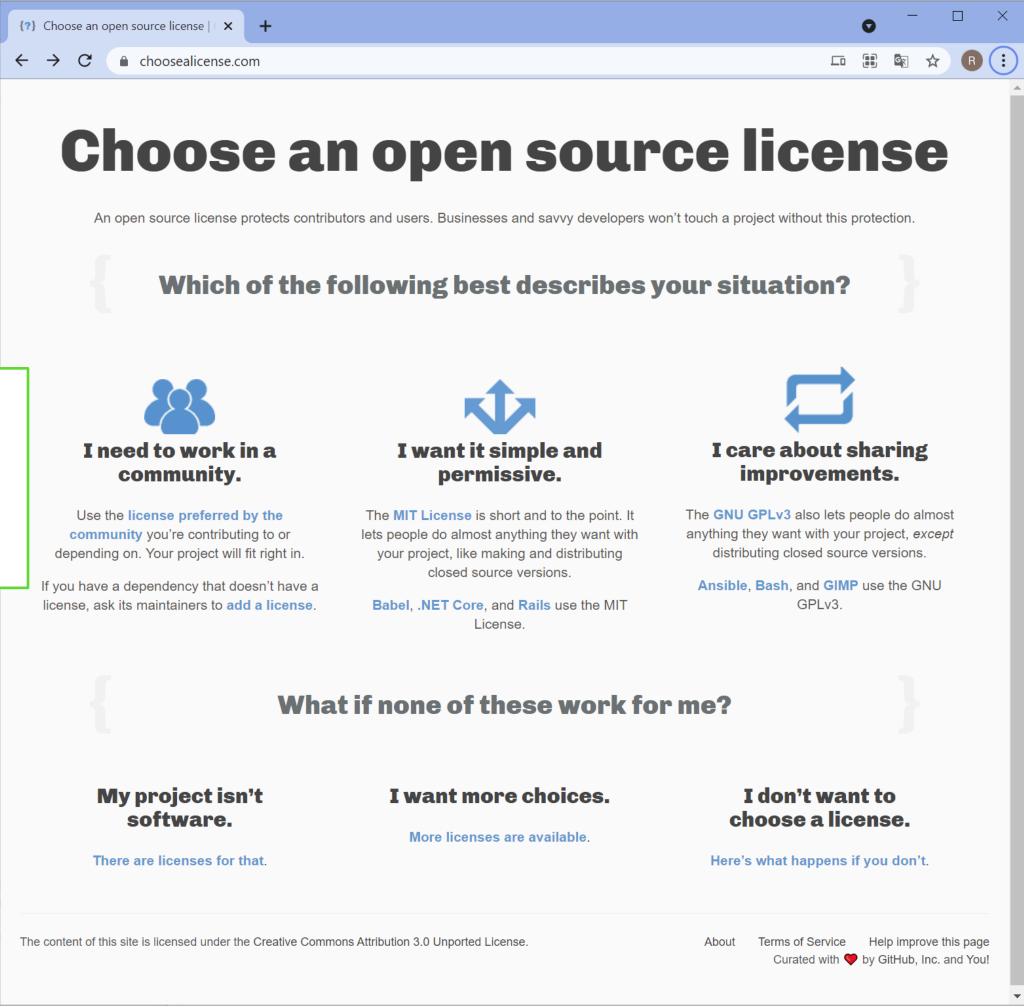


Licensing software



In the software world, other licenses are more popular, historically grown.









Licensing Software: GPL



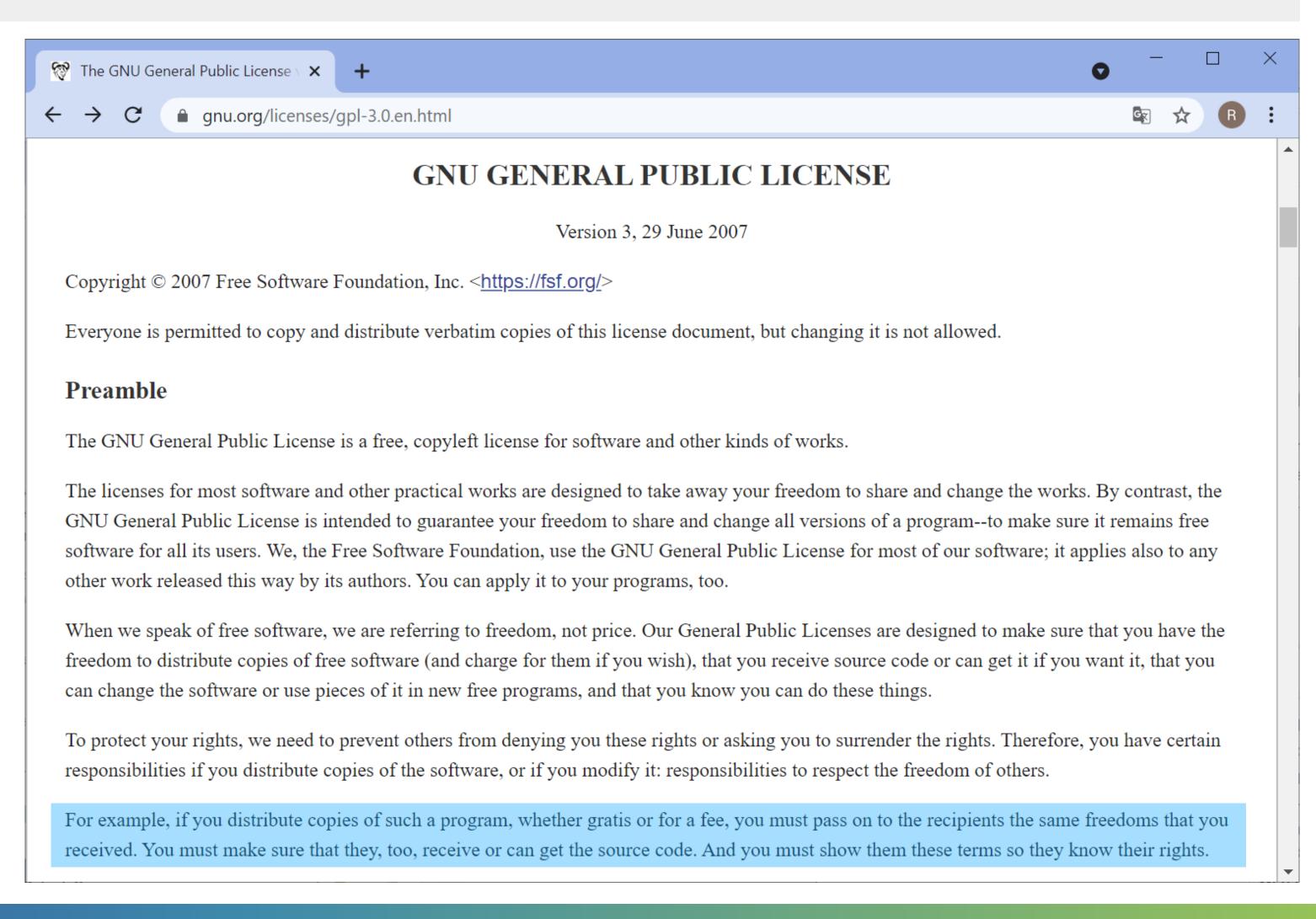
GPL

 Derivatives must also be GPLlicensed

"Restrictive" licensing

See also:

- Lesser General Public License (LGPL)
 - Integrate LGPL-licensed code into not-LGPL-licensed code







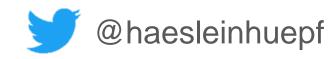


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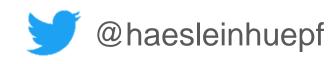
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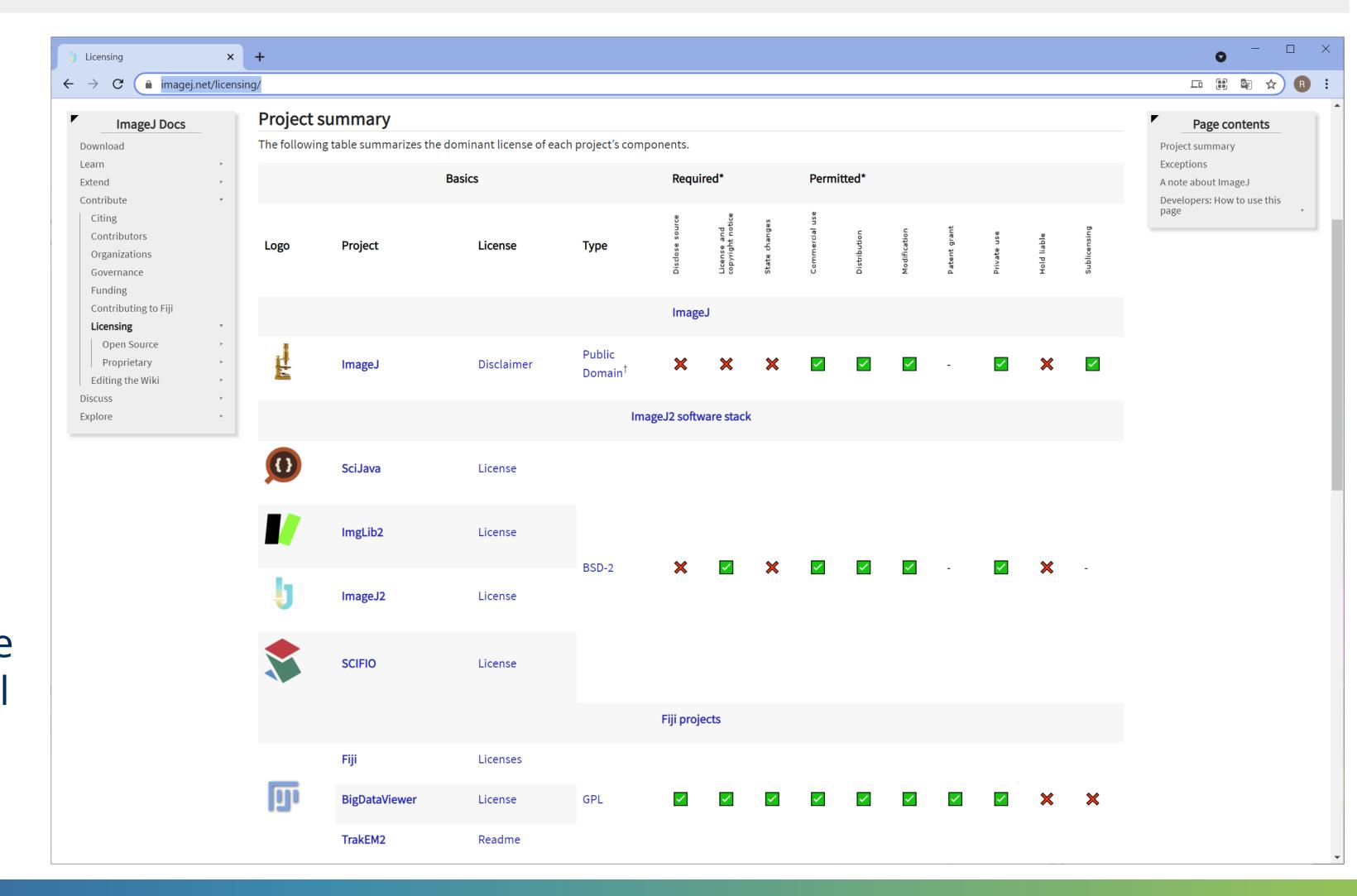


How?

Choose a license compatible with your ecosystem

When?

- When the project starts
- As early as possible
- Changing the license later may be hard.
- Beware: Your employer might be the copyright holder. They have the final word on how to license, publish and make accessible your work!





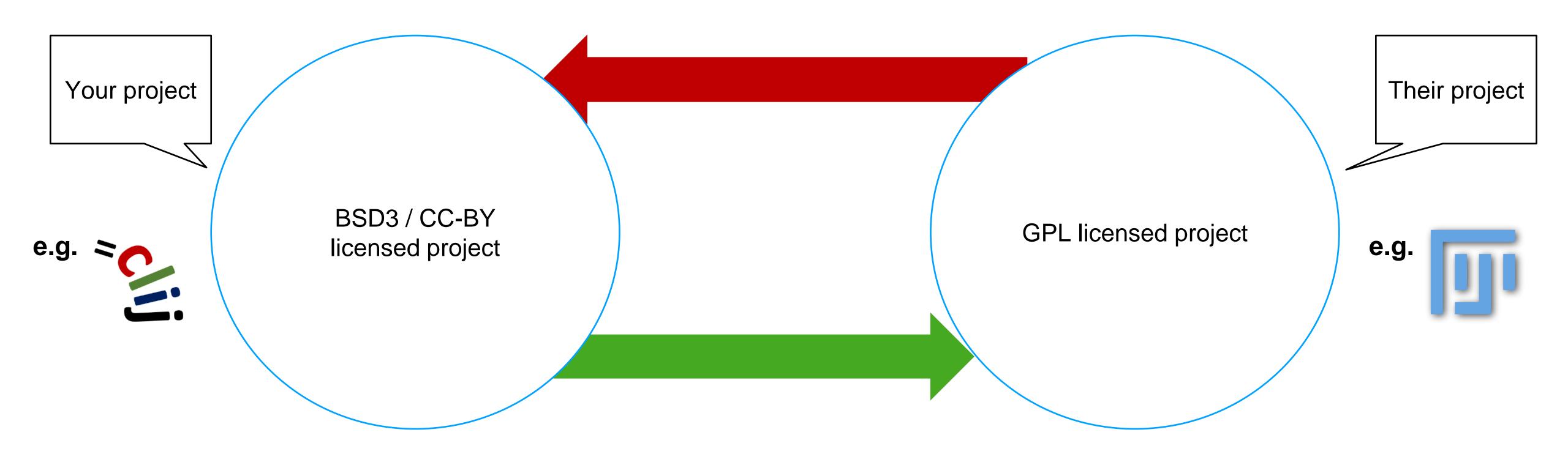


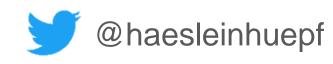
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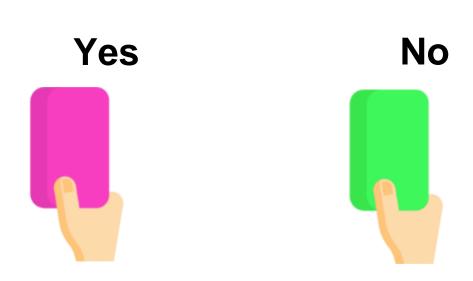


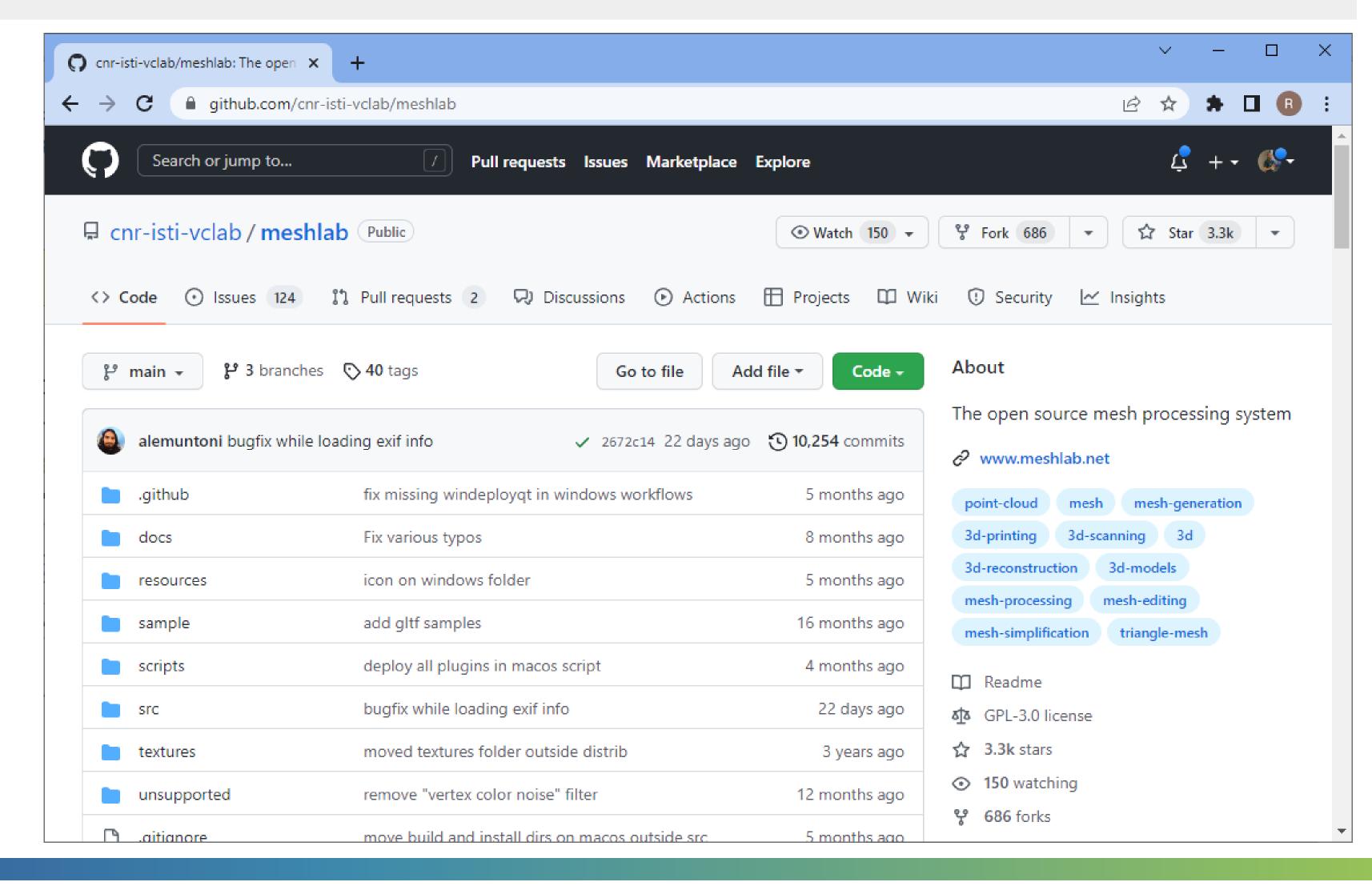


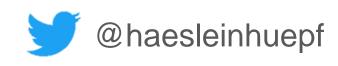




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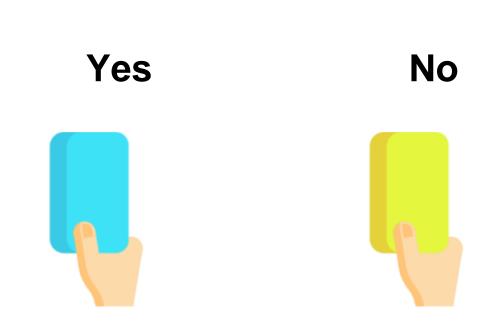


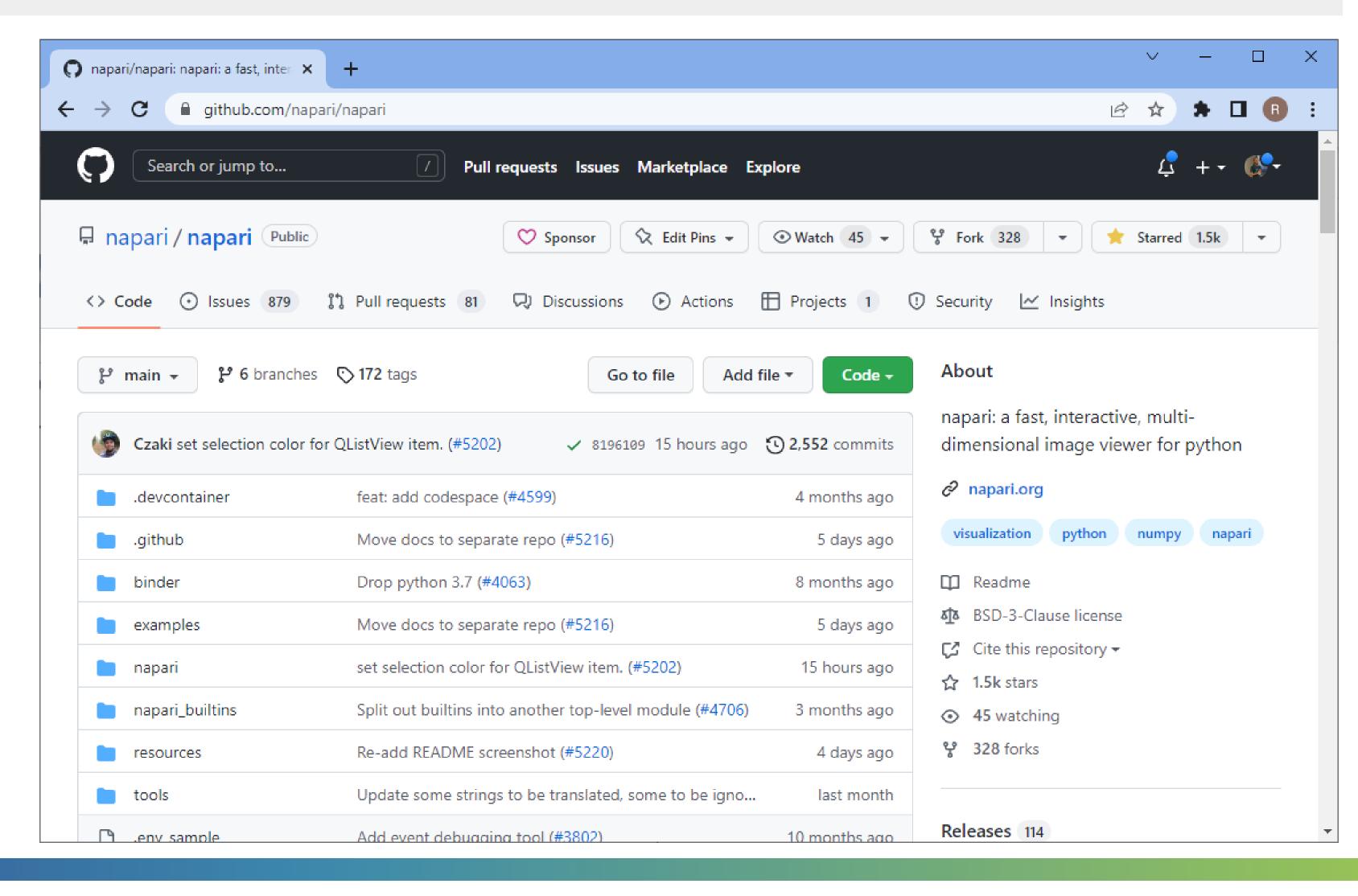






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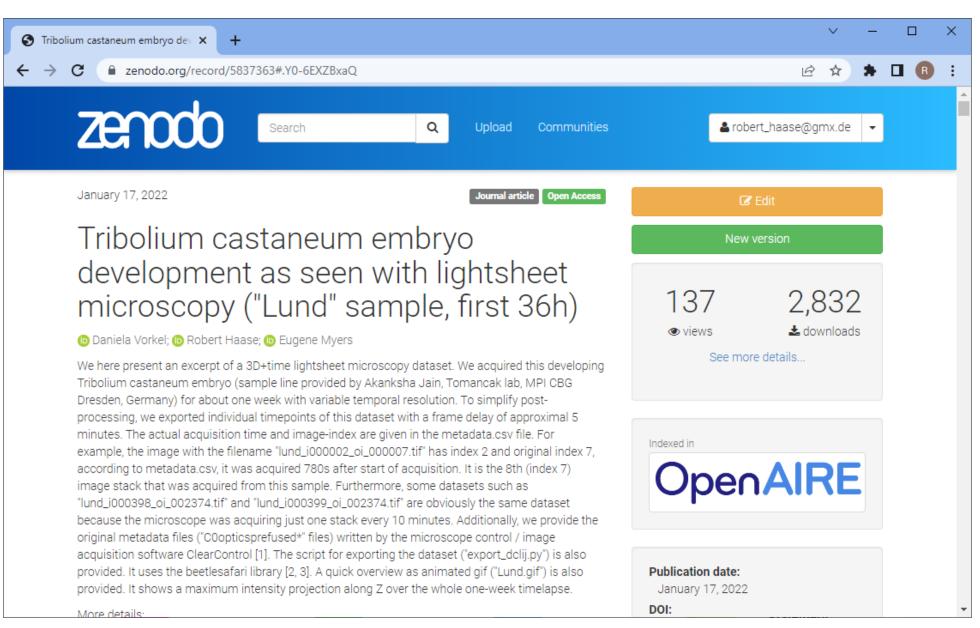


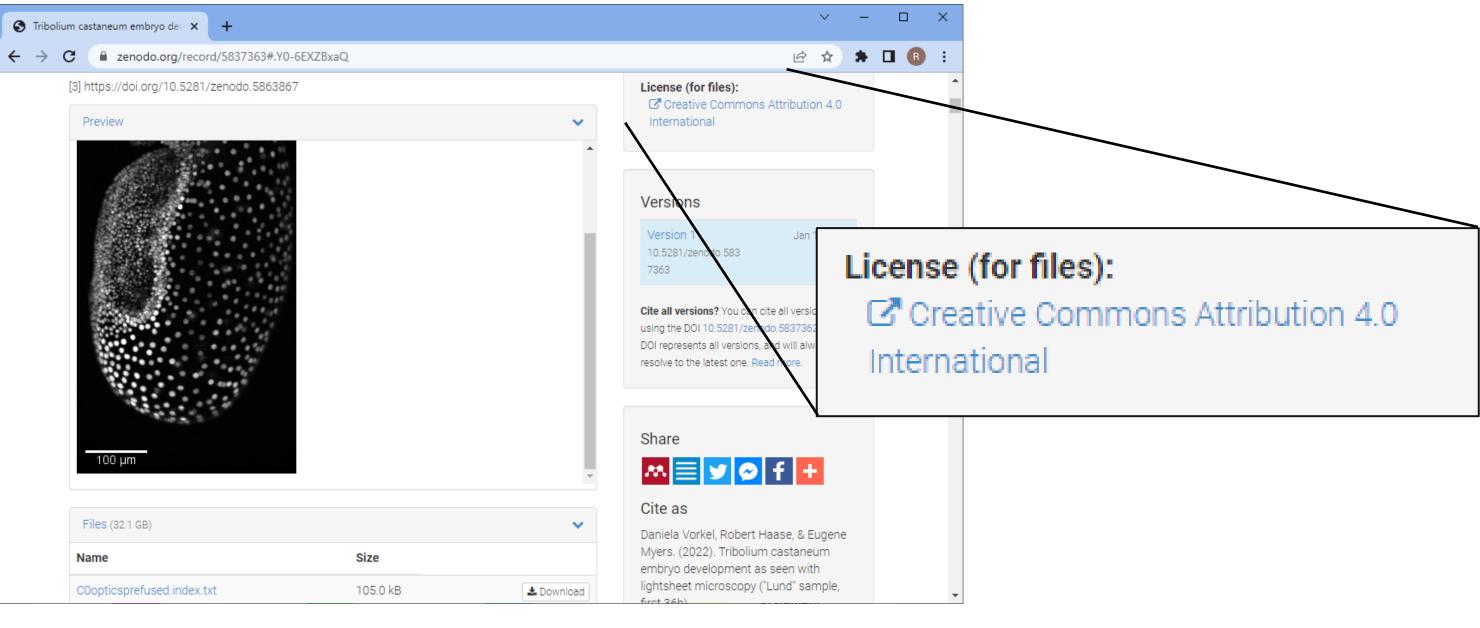






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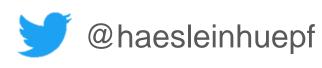
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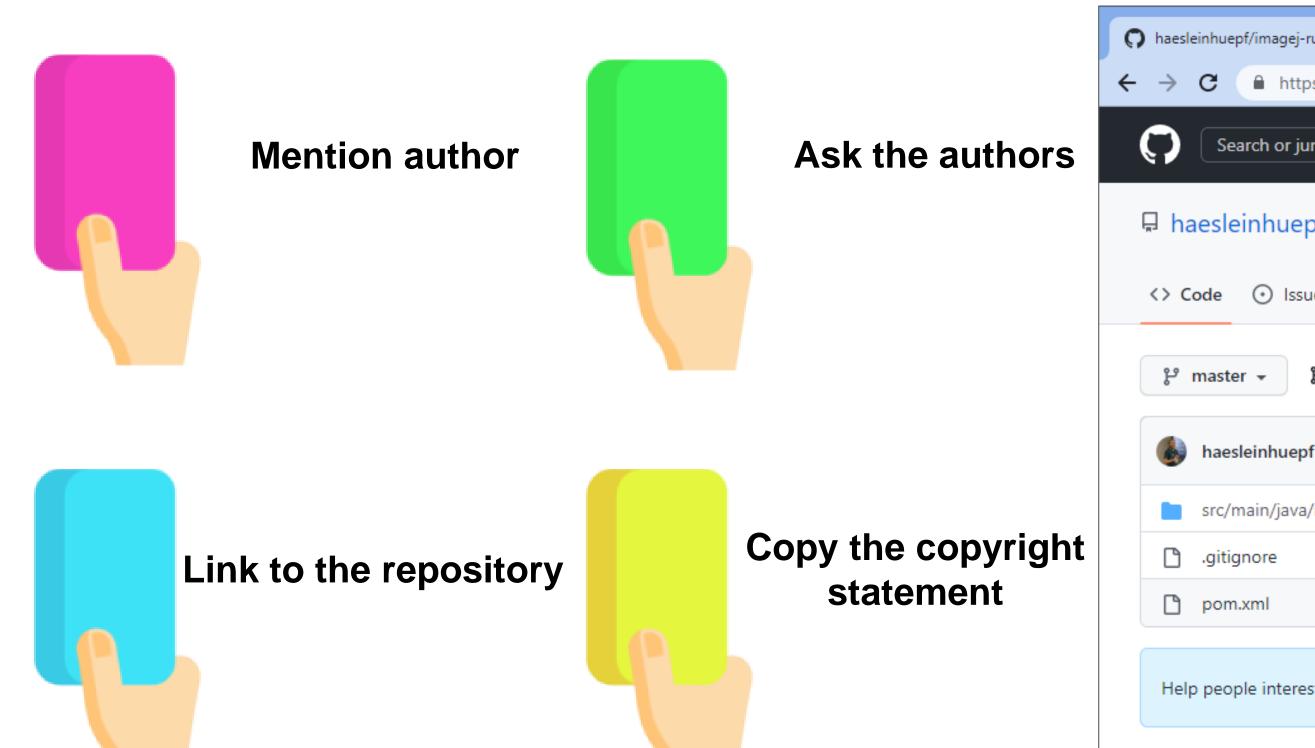


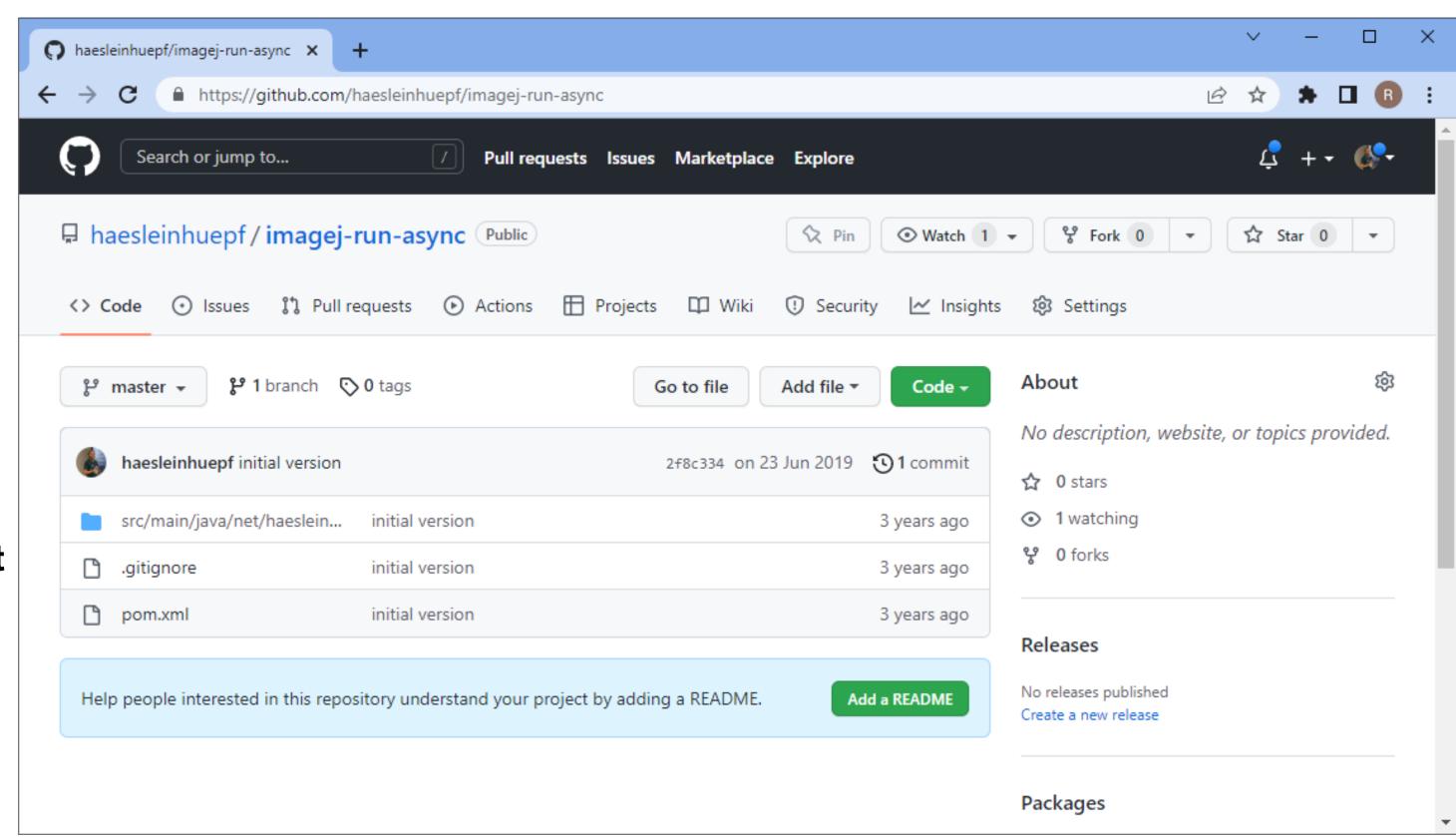






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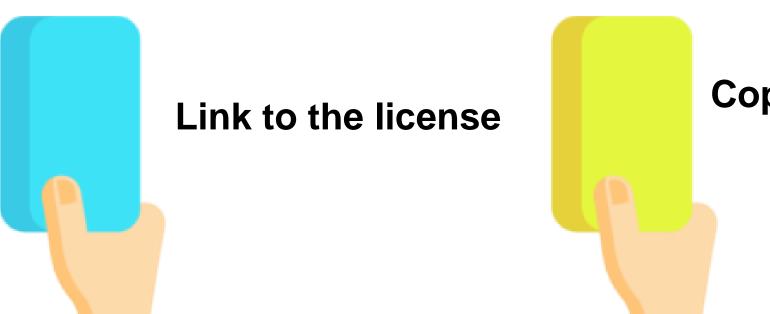




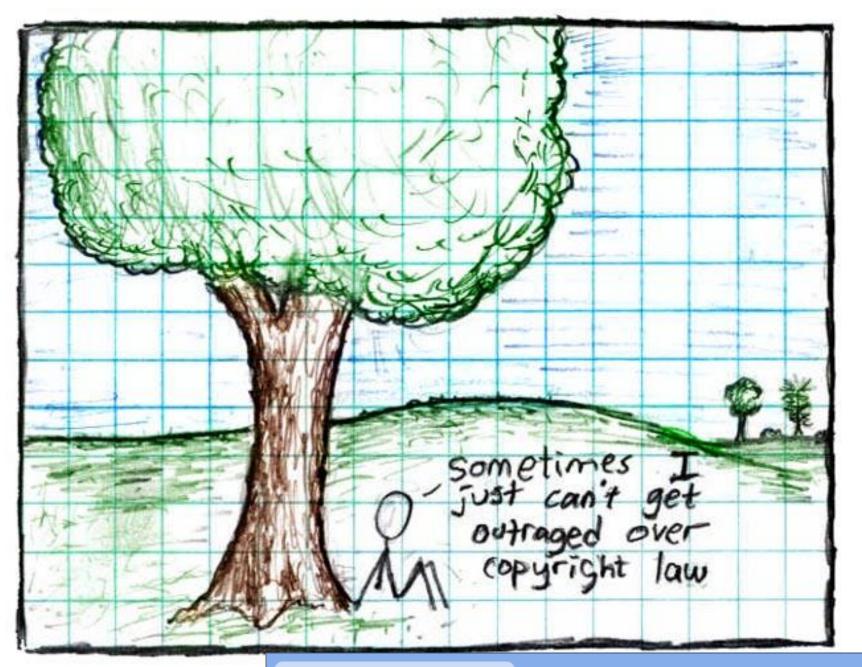


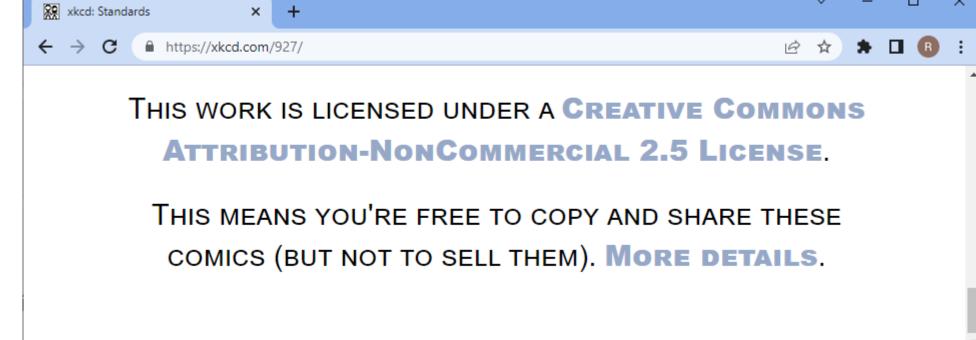
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