

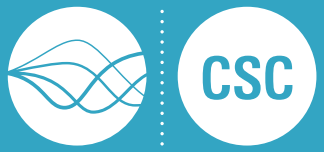

MAX PLANCK INSTITUTE
FOR DYNAMICS OF COMPLEX
TECHNICAL SYSTEMS
MAGDEBURG

COMPUTATIONAL METHODS IN
SYSTEMS AND CONTROL THEORY

pyMOR Contribution Workflow

Petar Mlinarić

1st pyMOR School
7–11 October 2019



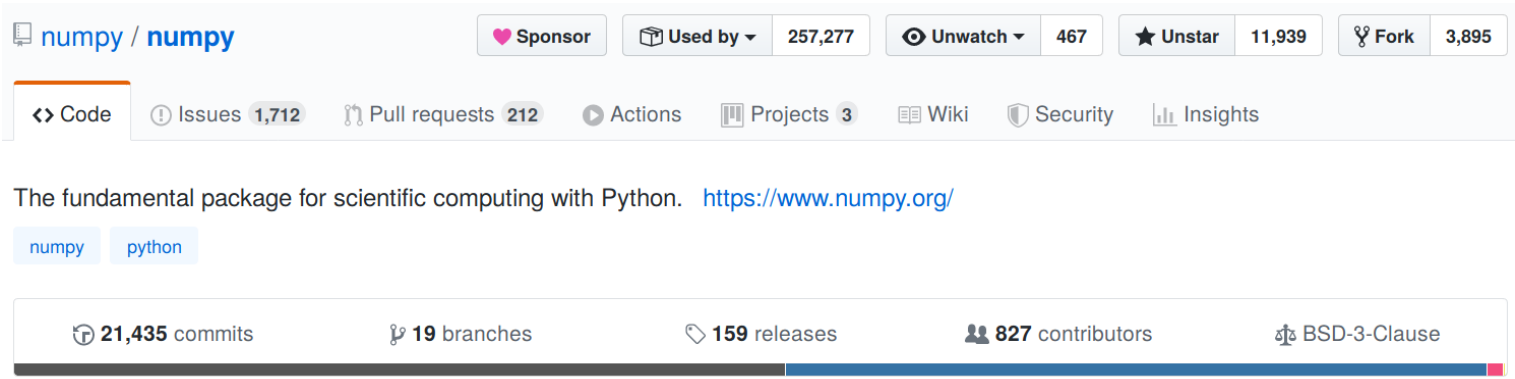
Outline

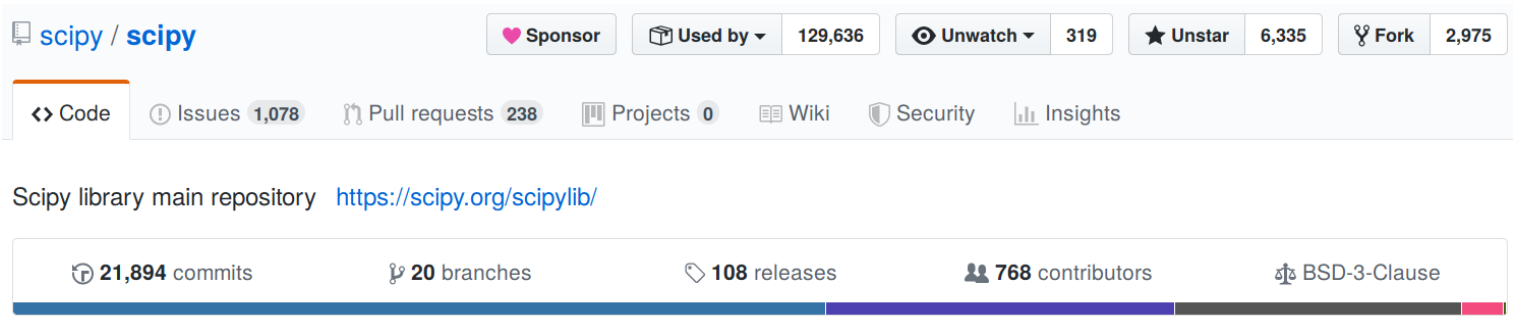
1. GitHub
2. License
3. Contributing
   - Reporting issues
   - Development environment
   - Documentation and testing
   - GitHub pull requests
   - Attribution
   - Becoming a main developer

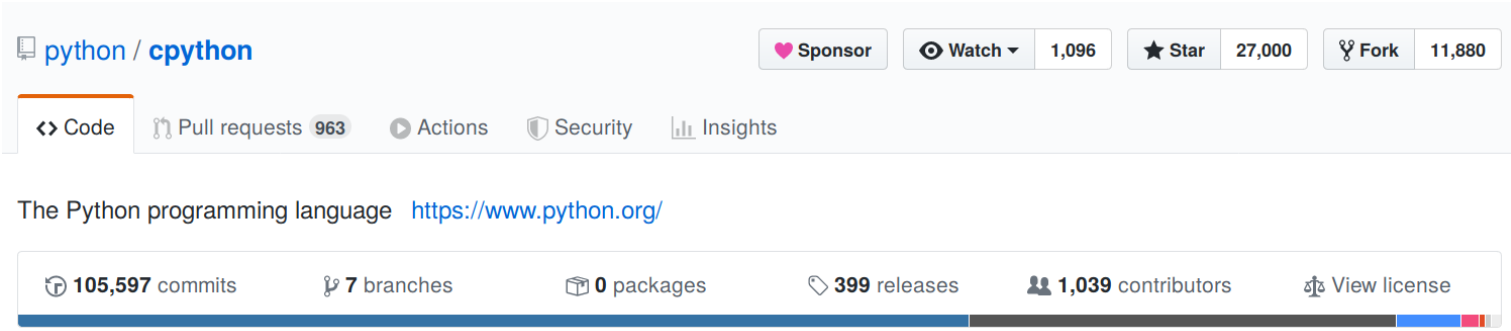
pyMOR is available on GitHub

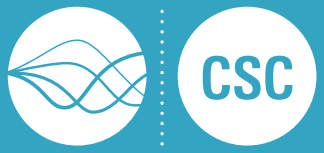
You can contribute to it

And not just to pyMOR:









License

- pyMOR uses 2-clause BSD license[1]
- copyright holders are "pyMOR developers and contributors"
- as a user, you are agreeing to the license
- as a contributor, you are agreeing to your contribution being published under pyMOR's license (and confirming that you have copyright over your code or permission from the copyright holder)[2]

[1] `https://opensource.org/licenses/BSD-2-Clause`
[2] `https://github.com/pymor/pymor/blob/master/CONTRIBUTING.md#license`

- GitHub issues[3]: reporting bugs, feature requests, etc.
  - good place to find what to contribute
- pymor-dev mailing list[4]: for discussions, questions, etc.

[3] https://github.com/pymor/pymor/issues
[4] http://listserv.uni-muenster.de/mailman/listinfo/pymor-dev

- create a virtual environment (using pip or conda)
- make an editable installation of pyMOR using `pip install -e .` (see `README.md`[5] for more details)

[5] `https://github.com/pymor/pymor/blob/master/README.md`

Contributing
Documentation and testing

`README.md`:

- `make doc` to build Sphinx documentation
- `make test` to run all tests
- `make full-test` to include style checks
- `py.test src/pymortests/the_module.py` to run specific tests
- `flake8` for style checks (usually done by an IDE)

Contributing
GitHub pull requests

- fork[6] the pyMOR GitHub repository
- work in a new branch
- create a pull request[7]

[6] https://help.github.com/en/articles/working-with-forks

[7] https://help.github.com/en/articles/creating-a-pull-request-from-a-fork

- `AUTHORS.md`[8]
- Zenodo[9]

[8] `https://github.com/pymor/pymor/blob/master/CONTRIBUTING.md#attribution`

[9] `https://zenodo.org/record/3416527`

Contributing
Becoming a main developer

- pyMOR main developer = owner of the pyMOR GitHub organization[10]
- see `CONTRIBUTING.md`[11] for details

[10] `https://github.com/pymor`

[11] `https://github.com/pymor/pymor/blob/master/CONTRIBUTING.md#license`