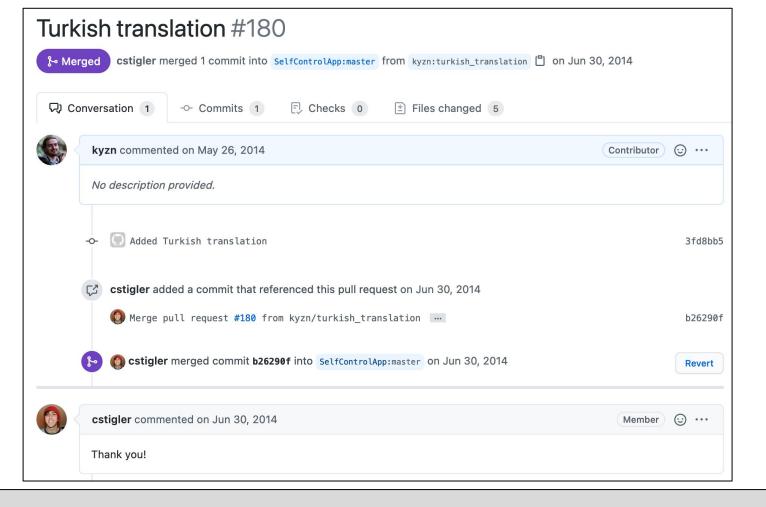


My First Pull Request

Kivanc Yazan

March 2021

kyzn.org/slides



- Basics
- Source Control (git)
- Pull Request
- Demo
- Where to go next

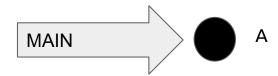
- I am not a lawyer
- This is not legal advice

- Terminology
 - Open Source
 - Free Software
 - FOSS, FLOSS
- Licenses
 - Copyleft (GPLv3)
 - Permissive (MIT)

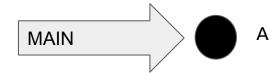


- git (SVN, CVS)
- Repository
- Commit (checkpoint)
- Branch (default + feature)
- Optional remote: Self hosted, GitHub, GitLab



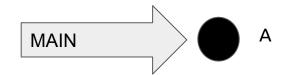


clone

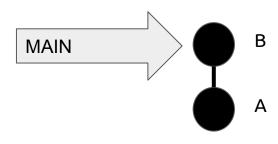


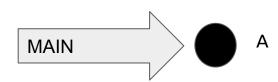
Remote Local





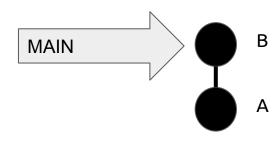
Remote Local

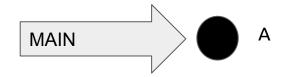




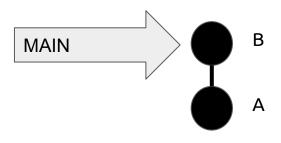
Local

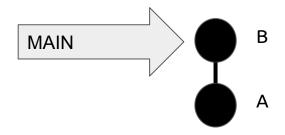




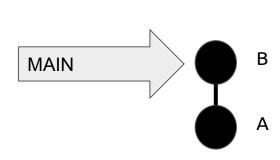


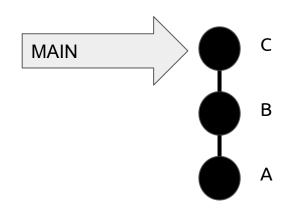
Remote Local





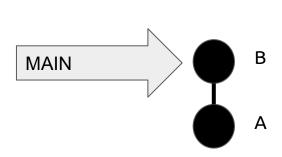
Local

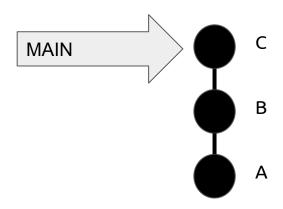




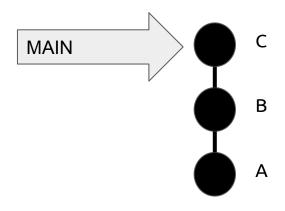
Local

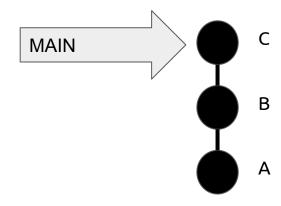
push

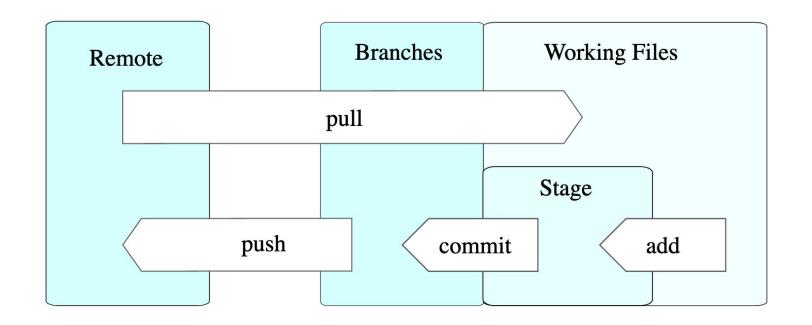




Local





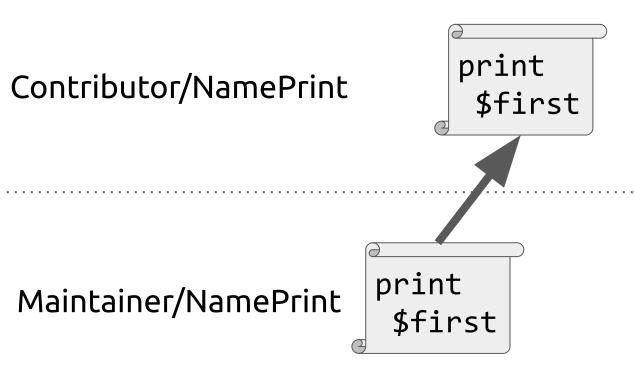


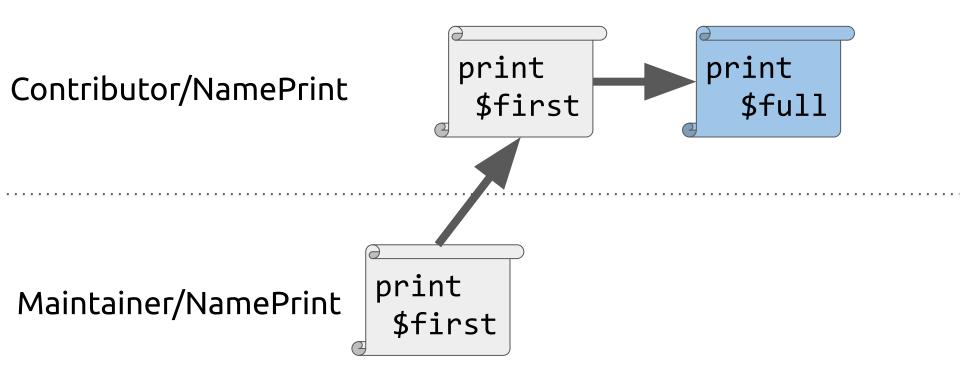
status, log

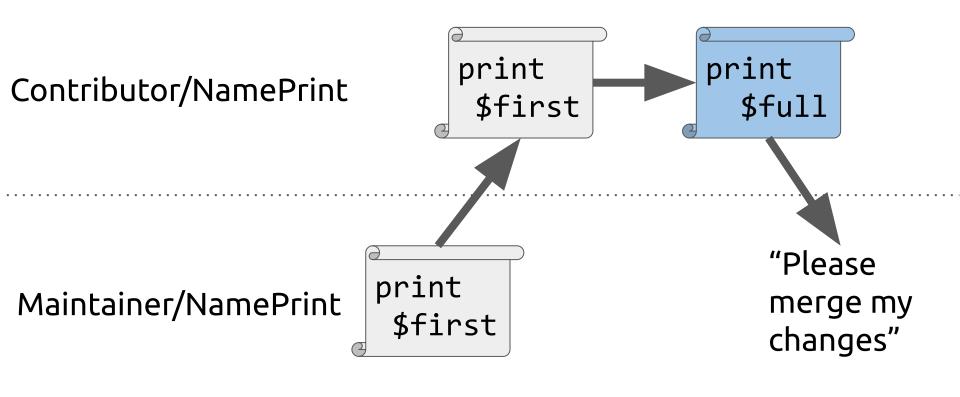


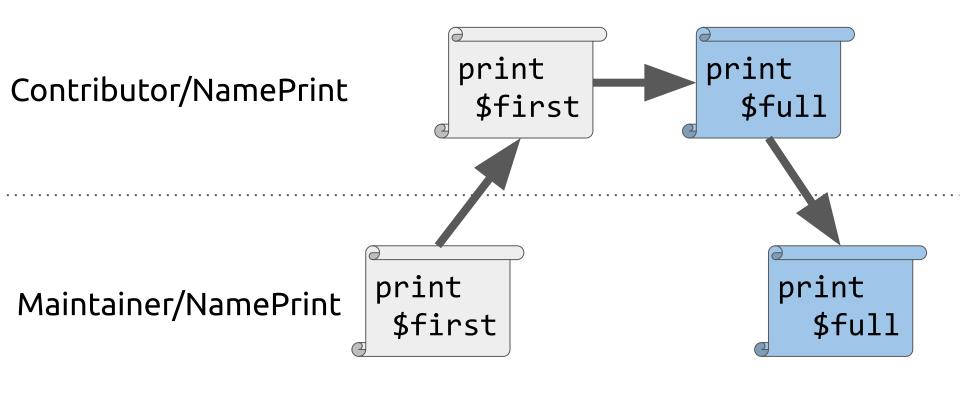
- PRs are not the only way to contribute
- Pull request = Patch to code repository
- Also called Merge Request
- Can be sent on GitHub, GitLab, emails...
- Comes with a description/discussion
- code/design/documentation/translation

Maintainer/NamePrint print \$first

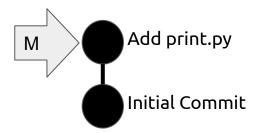


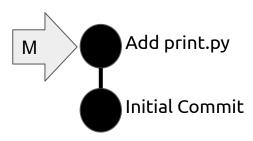






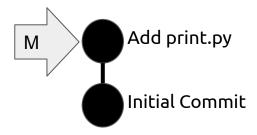


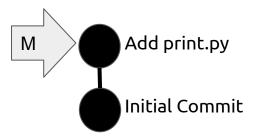




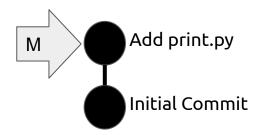
fork this repo into my account

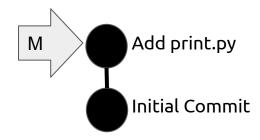
Contributor Remote





Contributor Remote

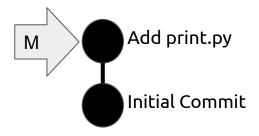


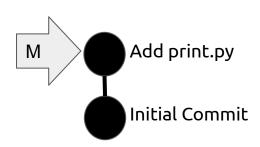


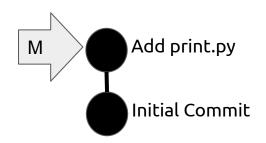
clone my fork into my computer

Contributor Remote

Contributor Local

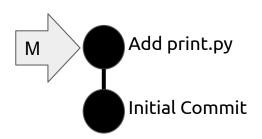


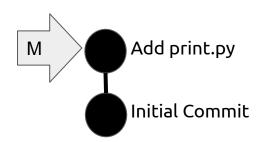


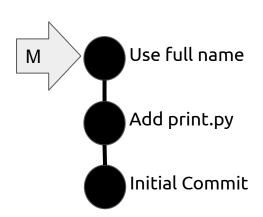


Contributor Remote

Contributor Local

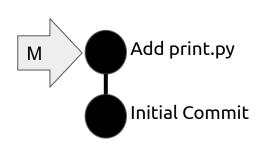


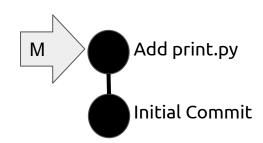


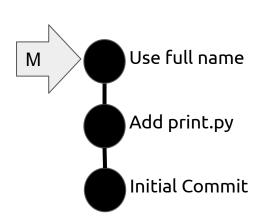


Contributor Remote

Contributor Local



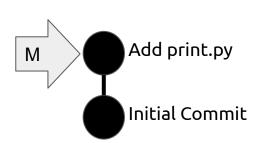


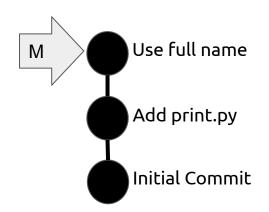


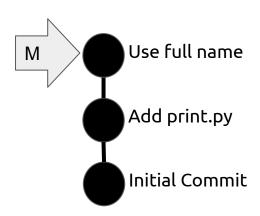
push my local main branch to my remote

Contributor Remote

Contributor Local

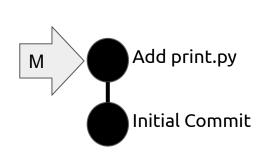


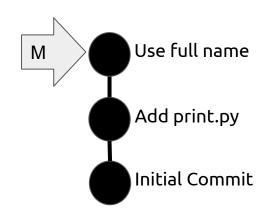


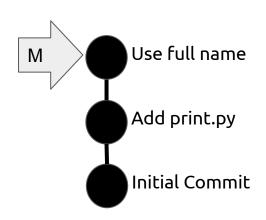


Contributor Remote

Contributor Local



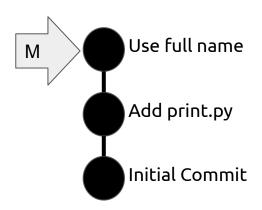


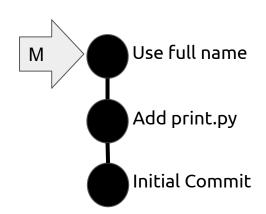


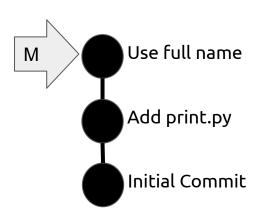
pull request my main into your main

Contributor Remote

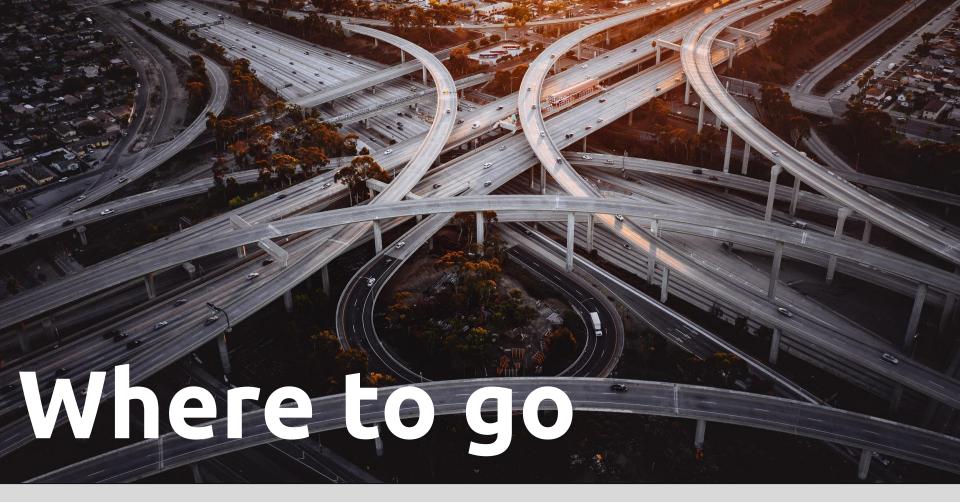
Contributor Local







- Demo



- Applications you are using
- Talks, Exhibit Hall
- Hacktoberfest
- PullRequest.Club
- PerlWeeklyChallenge.org

Book Recommendations

- Forge Your Future with Open Source (VM Brasseur)
- How Open Source Ate Software (Gordon Haff)

Thank you!



PR Etiquette

- Be polite
- Follow repo's convention
- Keep changes small
- Do the whole change

Issue Tracker Tags

- Good First Issue
- Help Wanted
- Beginner Friendly
- Hacktoberfest

Get in touch

- Issue Tracker
- Mailing list (multiple)
- IRC / Slack