



Git



Objectives



- ▶ Pull Request
- ▶ Fork



Github - Pull Request

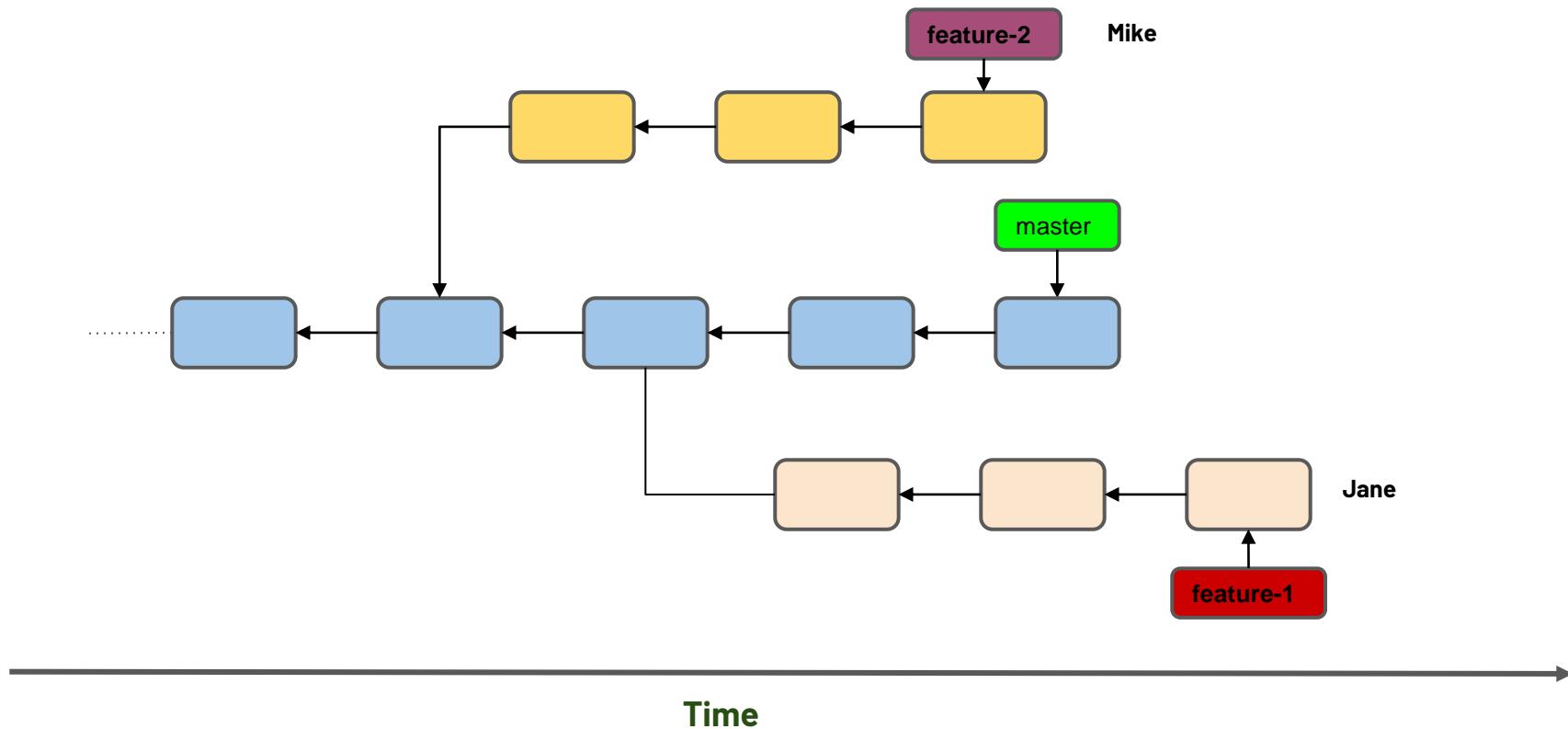
- Github's feature not Git's feature
- It allows you to contribute to other projects



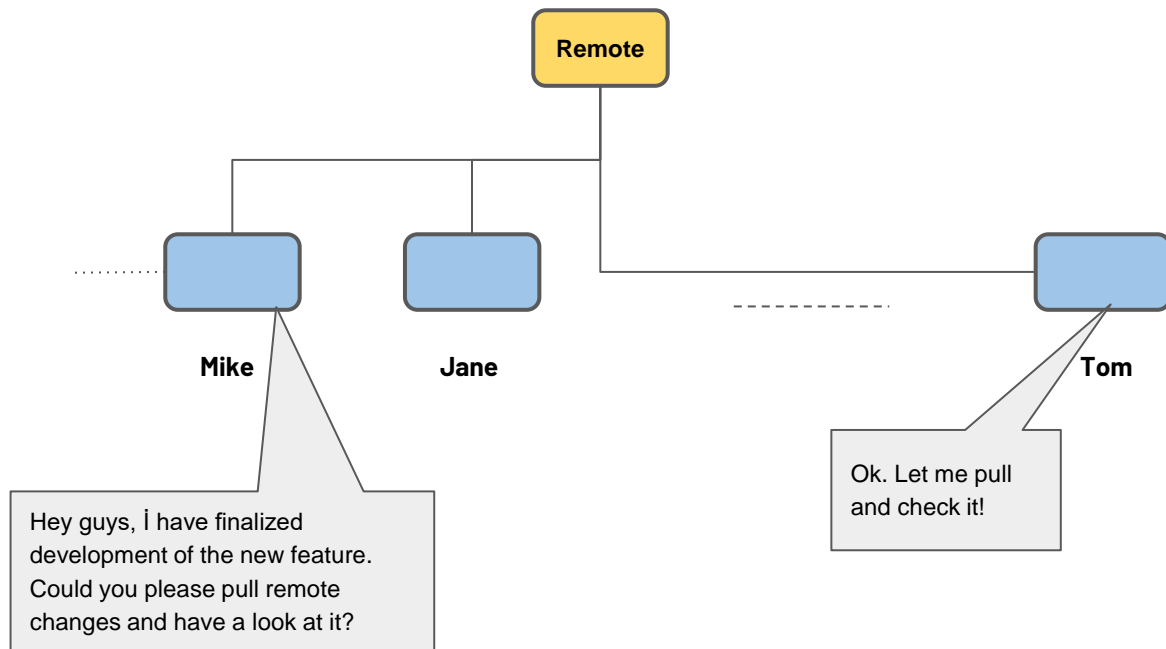
Github - Pull Request

- **Pull Requests (PR)** let you tell others about changes you've pushed to a branch in a repository on GitHub
- You create a pull request to propose and collaborate on changes to a repository. These changes are proposed in a branch, which ensures that the master branch only contains finished and approved work.

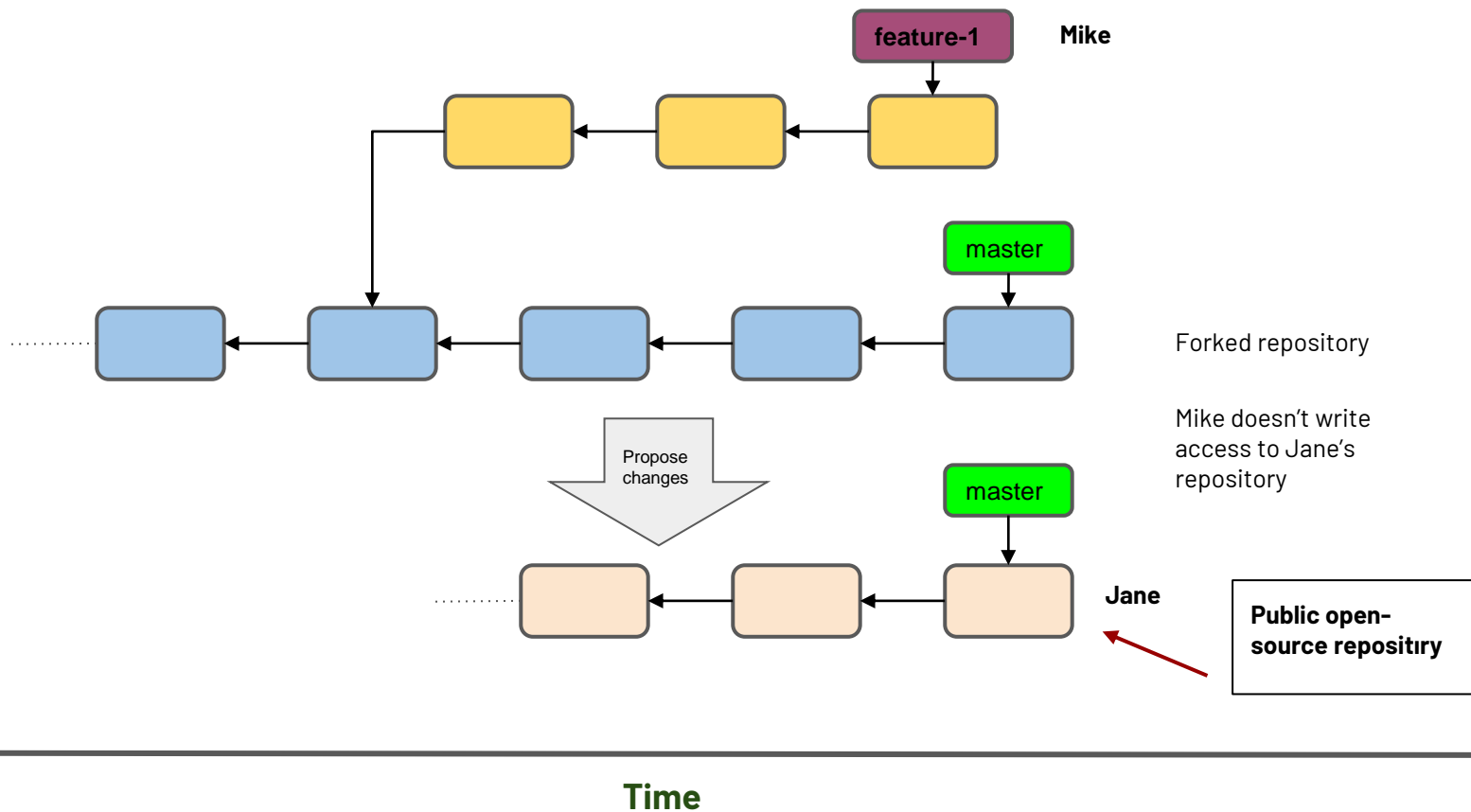
How collaborators communicate?



Why “pull” request?



How collaborators communicate?



Github - Pull Request process



Time

Mike

Creates new local branch

feature-1

Commits changes to feature-1 locally

commit

Mike is happy with changes and feature works as expected



Pushes changes to remote by creating remote feature-1 branch

feature-1

Creates pull request to start review process by other collaborators



Mike requests Jane to review newly opened pull request



Jane

Jane starts review of the Mike's pull request



Optionally **pulls** updates and checkouts **feature-1** branch to verify how new feature works.



Add some comments for specific blocks of code and asks for changes

comments

Github - Pull Request process



Time

Mike

Mike is notified about comments and requested changes

Makes additional changes requested by Jane

Pushes changes to remote



commit



Jane

Jane is notified about new commits

Happy with new changes and **approves** pull request



Mike

Merges changes from the feature-1 branch to the main **master** or **release** branch

Closes pull request and deletes feature-1 branch



New feature implemented !



THANKS!

Any questions?

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