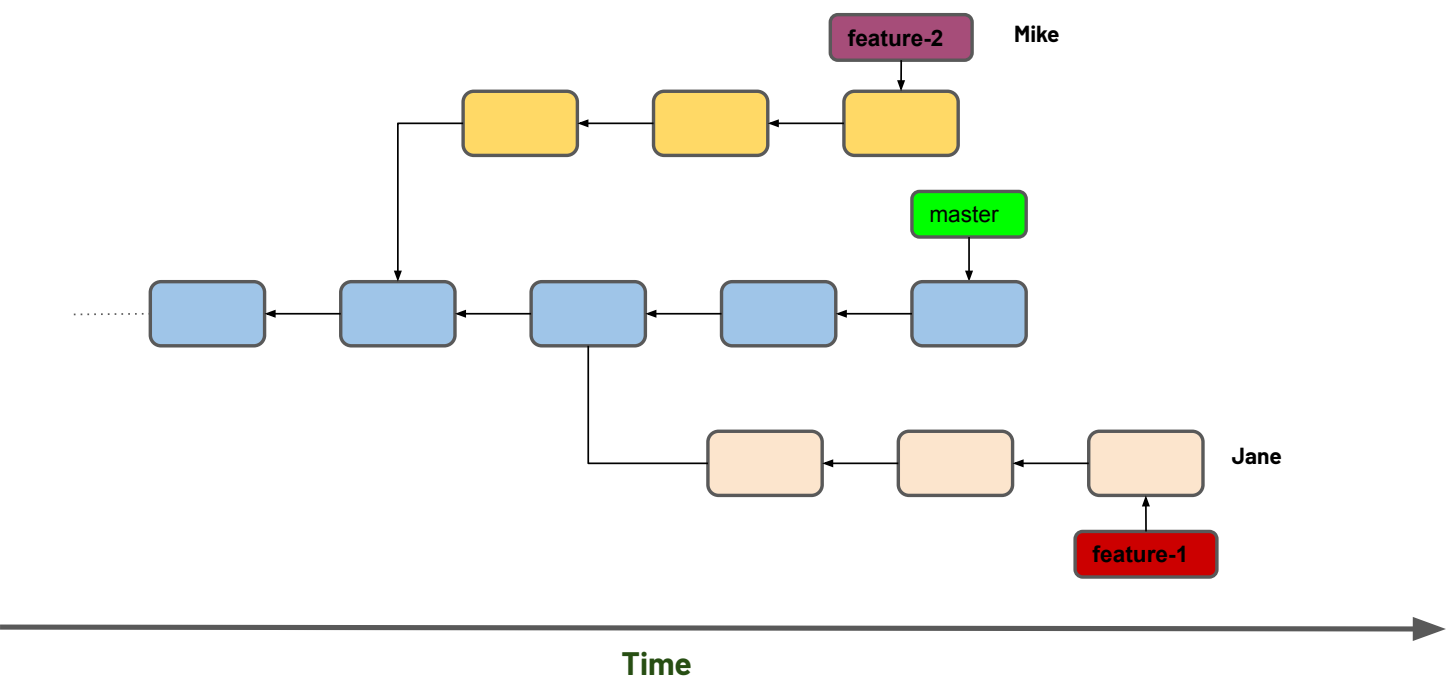# Git

Objectives

▶ Pull Request

▶ Fork

Github - Pull Request

➔ Github's feature not Git's feature

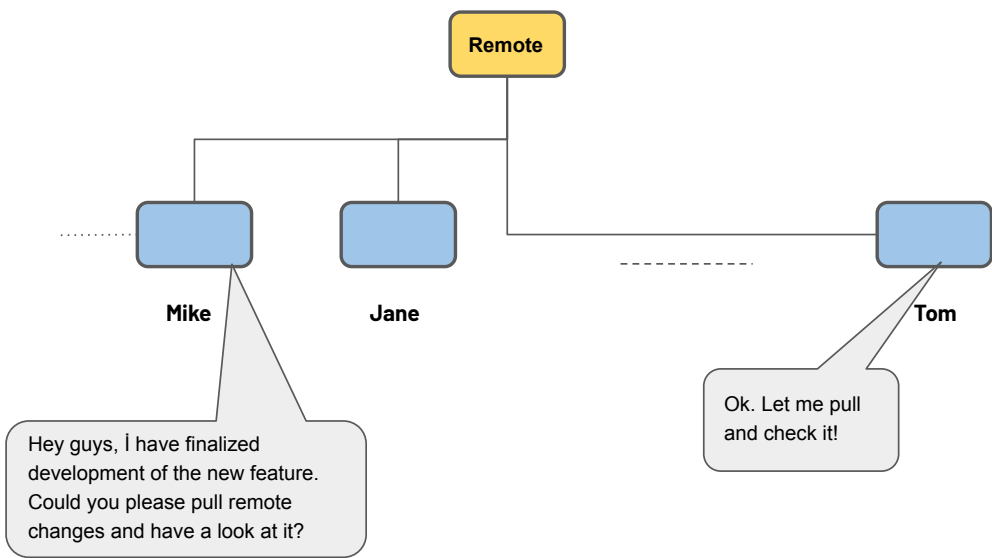➔ It allows you to contribute to other projects

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.
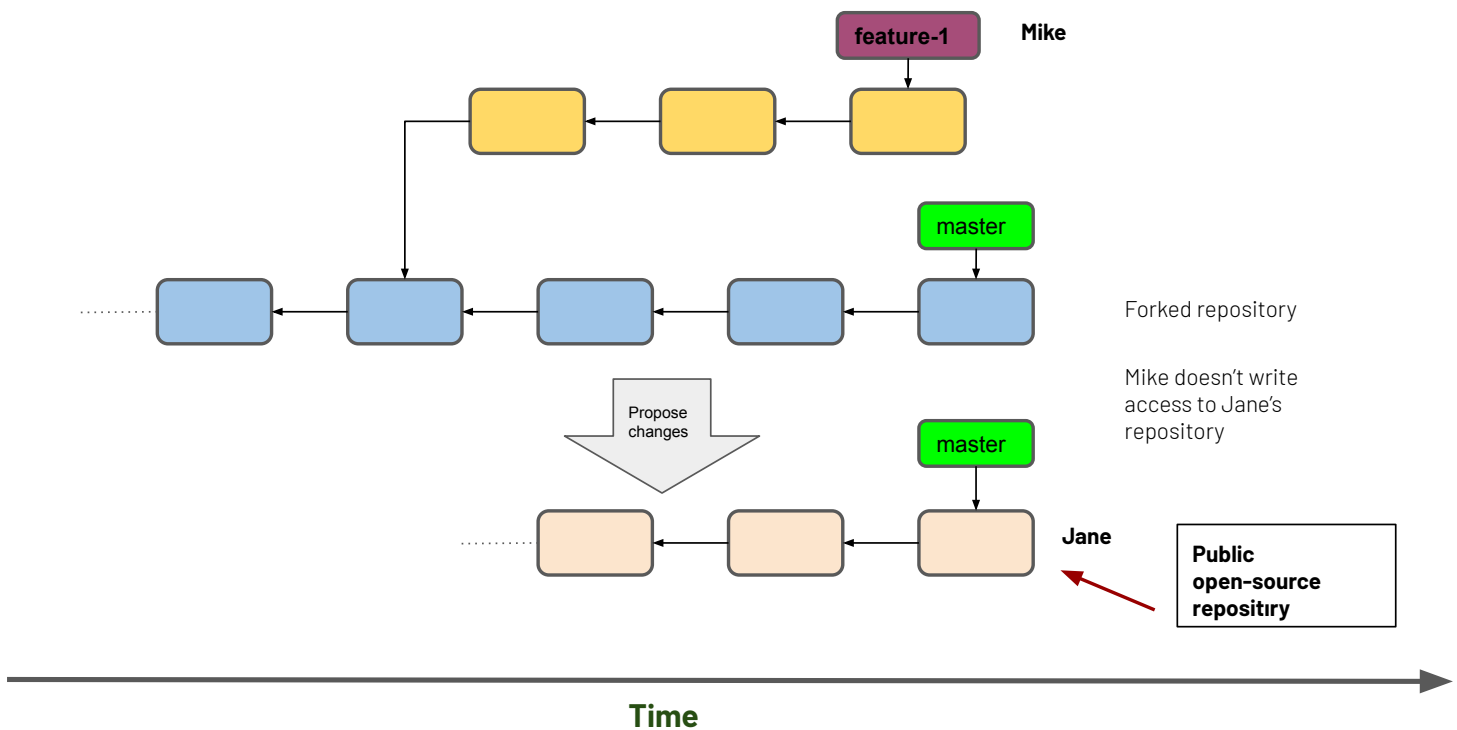
How collaborators communicate?
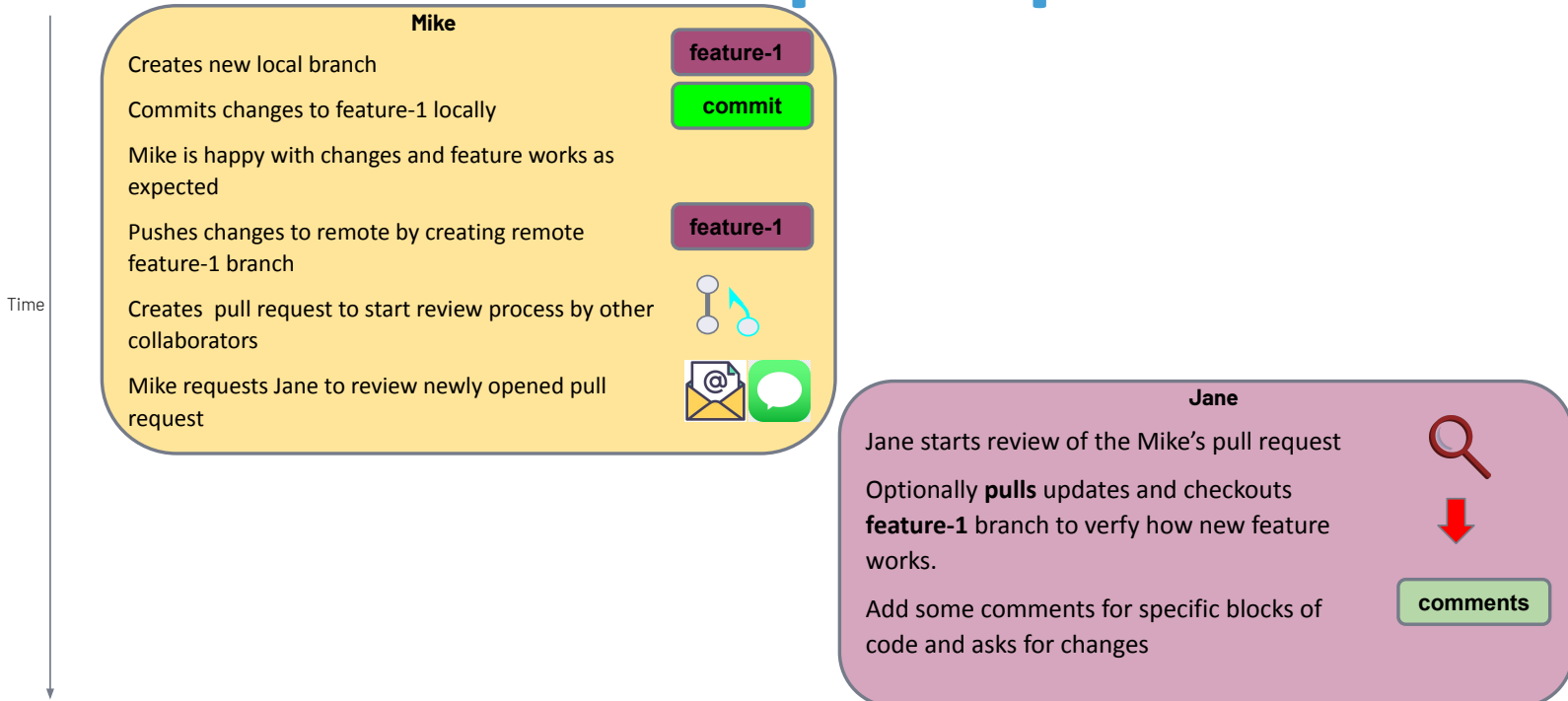
Why "pull" request?

How collaborators communicate?

Mike

feature-1

master

Forked repository

Mike doesn't write access to Jane's repository

Propose changes

master

Jane

Public open-source repositıry

Time

Github - Pull Request process

Mike

Creates new local branch

Commits changes to feature-1 locally

Mike is happy with changes and feature works as expected

Pushes changes to remote by creating remote feature-1 branch

Creates pull request to start review process by other collaborators

Mike requests Jane to review newly opened pull request

feature-1

commit

feature-1

Time

Jane

Jane starts review of the Mike's pull request

Optionally **pulls** updates and checkouts **feature-1** branch to verfy 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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