

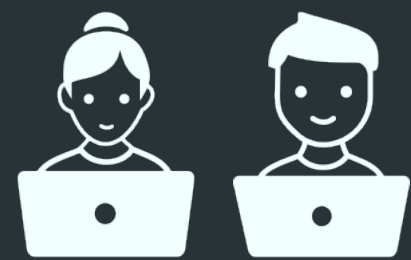
feliz fernadu

using **git** and **github** in arbetskollen



create a **repository** in github

work in pairs of
2 people



1 person creates a
repository on github



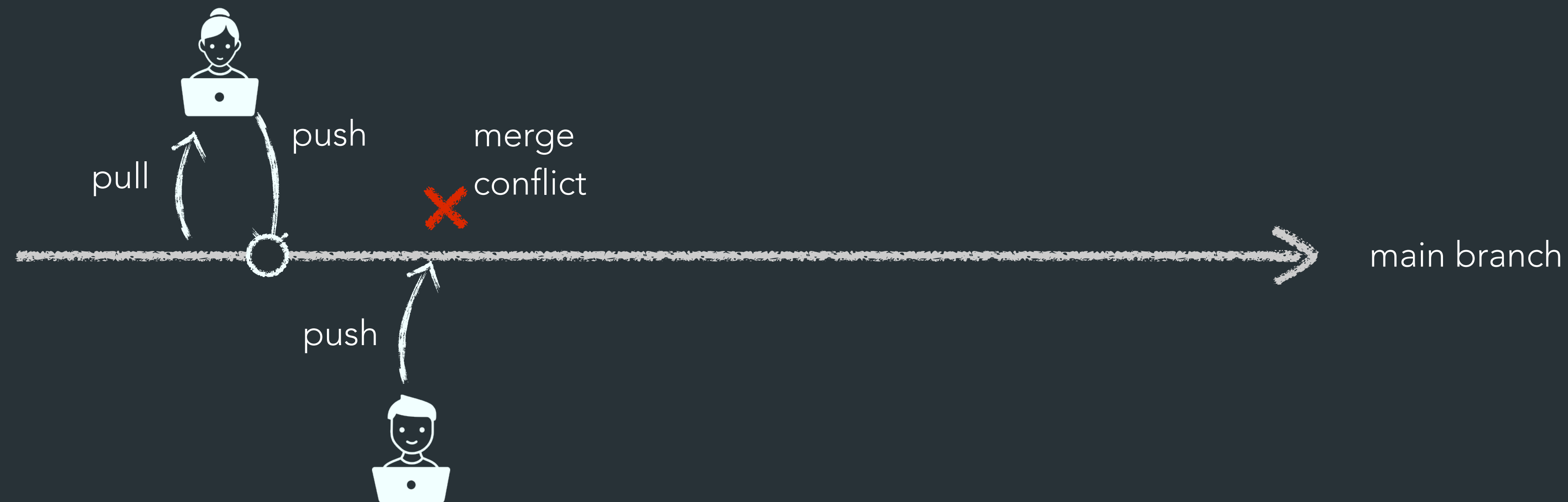
invite the
other person



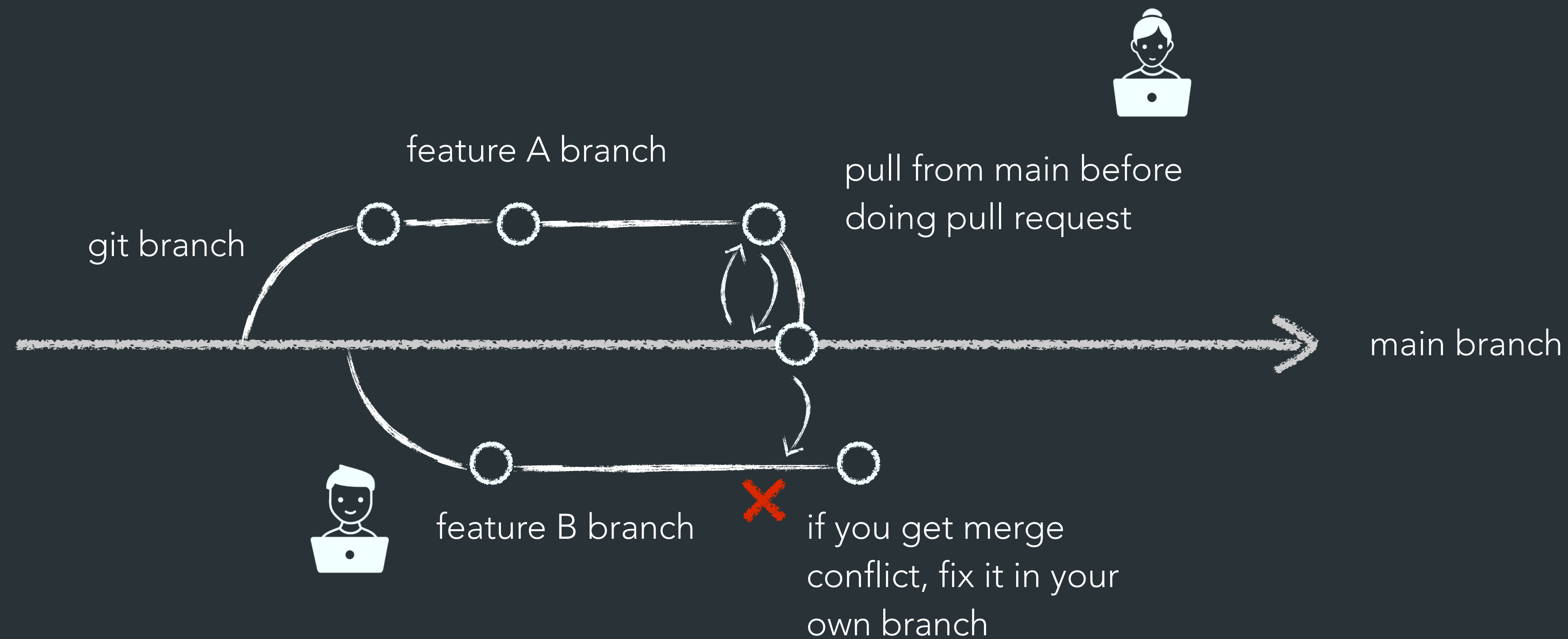
both clones the
repository



how **not** to do - pushing to main directly



do pull request to main and have code reviews



create a **branch** and work on your feature there

git branch

```
* another_branch
  kokchun_branch
  main
```

lists the existing local branches

git checkout -b <branch_name>

creates a new branch and jump to that branch

git checkout <branch_name>

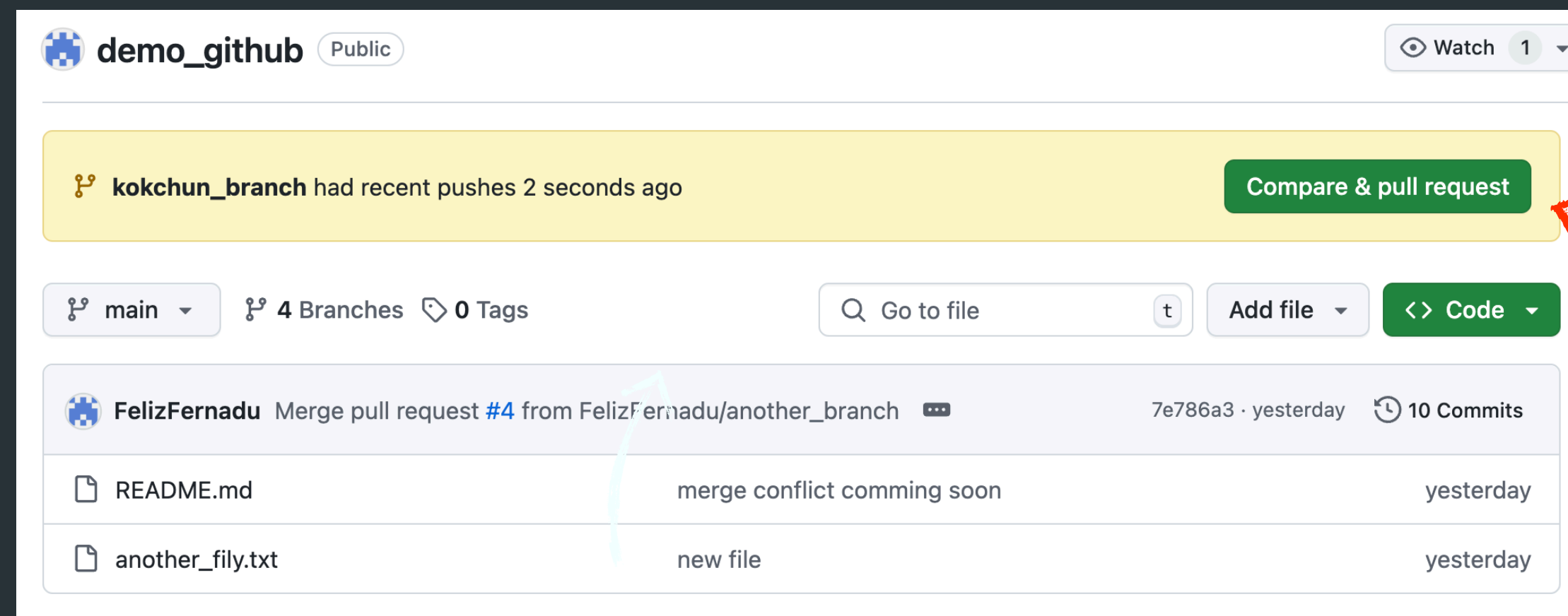
jumps to that branch

git push origin <branch_name>

to push changes to that branch


use **pull request** to merge changes into main

`git push origin <branch_name>`



click here

use **pull request** to merge changes into main



Add a title

file to pull request

Add a description

WritePreview


HBI<>LinkListTableCode


This is a supah cool feature, let me pull request into main

Markdown is supportedPaste, drop, or click to add files


Create pull request

Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).



**Review required**

At least 1 approving review is required by reviewers with write access. [Learn more](#)

**Merging is blocked**

Merging can be performed automatically with 1 approving review.

Merge pull request

You can also [open this in GitHub Desktop](#) or view

setup rule to have at least one reviewer to accept a pull request

General

Access

Collaborators

Moderation options

Code and automation

Branches

Tags

Rules

Actions

Webhooks

Environments

Codespaces

Pages

Branch protection rule

Branch name pattern *

main

Protect matching branches

☒ **Require a pull request before merging**

When enabled, all commits must be made to a non-protected branch and submitted via a pull request before they can be merged into a branch that matches this rule.

☒ **Require approvals**

When enabled, pull requests targeting a matching branch require a number of approvals and no changes requested before they can be merged.

Required number of approvals before merging: 1

reviewer can comment, request changes or approve
pull request

+2 -0

0 / 2 files viewed

Review in codespace

Review changes

Finish your review

Write

Preview

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↩️

looks good this feature

📄 Markdown is supported

🖼️ Paste, drop, or click to add files

☐ Comment

Submit general feedback without explicit approval.


☒ Approve

Submit feedback and approve merging these changes.

☐ Request changes

Submit feedback that must be addressed before merging.


Submit review



✓ **Changes approved**

1 approving review by reviewers with write access. [Learn more about pull request reviews.](#)

✓ 1 approval



Continuous integration has not been set up
[GitHub Actions](#) and [several other apps](#) can be used to automatically catch bugs and enforce style.

✓ **This branch has no conflicts with the base branch**

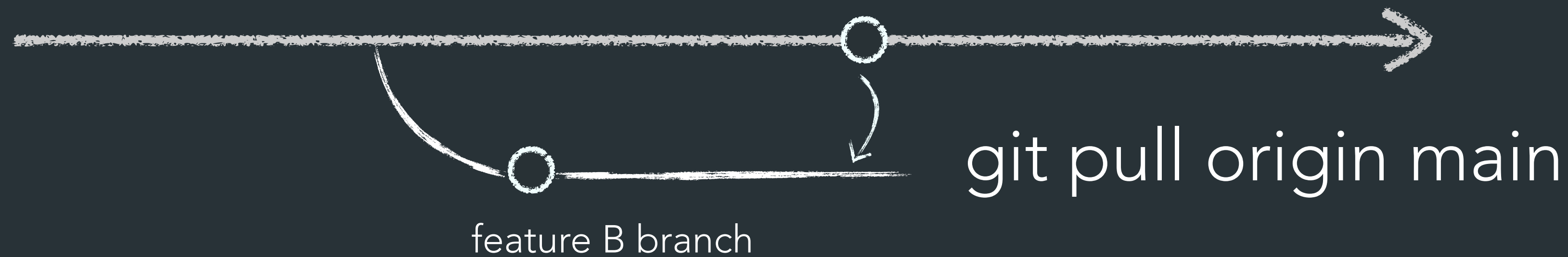
Merging can be performed automatically.

Merge pull request

You can also [open this in GitHub Desktop](#) or view [command line instructions](#).

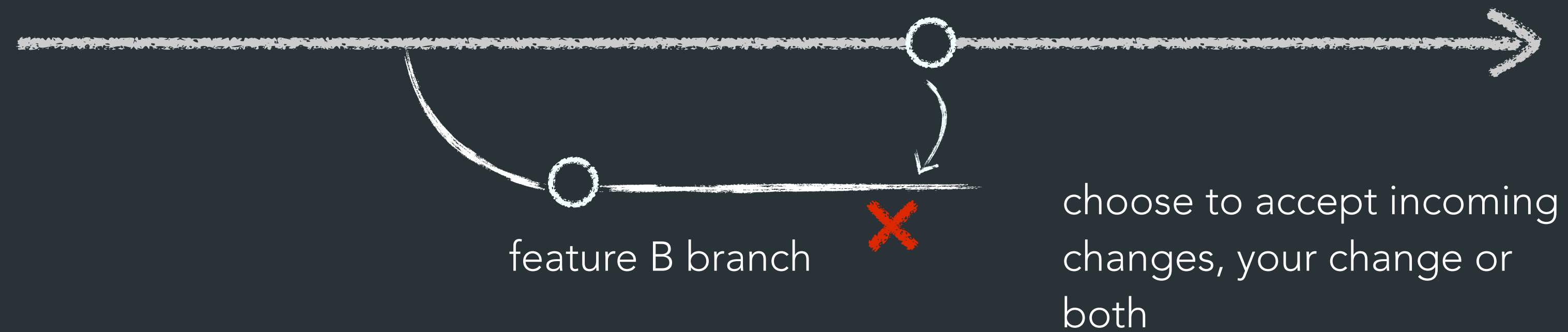
Add a comment

pull from **main branch** to your feature branch whenever anyone has done a successful pull request



in this case you will have the updated code and can continue working on your feature

with these rules every **merge conflict** will be handled in feature branch and not in main



create a **graph** of the branches

git log --oneline --graph

```
* 58edf4f (HEAD -> another_branch, origin/another_branch) merge
|\
* 919143b (main, kokchun_branch) Merge pull request #3 from FelizFernadu/kokchun_branch
| \
|  * 603ada4 (origin/kokchun_branch) merge conflict coming soon
|  * 5dd0738 new file
|  /
* / bff6996 new test
| /
* be8196d Merge pull request #2 from FelizFernadu/readme_feature
| \
|  * 7c22579 (origin/readme_feature) new stuffs
|  * 7b8b6ea readme
|  /
* 990bf33 from kokchun
```