



3/9 - GIT

Markdown

- Tekst redigerings program
- Skriver Plain tekst og det gemmes som plain tekst

Sprog

Text

Få bold tekst = ****tekst****

Få italic tekst = **tekst**

Header

text = h1

text = h2

text = h3

Git

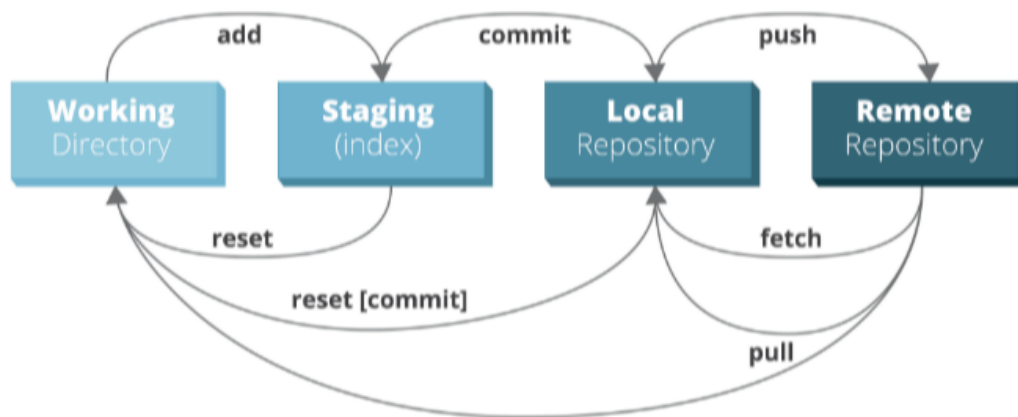
- Den kan fx tjekke om backend programmeringen også virker når man lægger den op.

Begreber

- Repository
 - Hoved server fx github
- Commit
 - Den opdatere koden i den lokale repository
- Pull

- Trækker koden ned på sin computer og laver en lokal repository
- Push
 - Skubber din kode op i repository
- Add
 - Tilføjer kode til den lokale repository
 - Ikke identisk med
- Status
 - God ide at lave status efter du gør en af tingene for at se om du er der du vil være. HAR du det du skal, er det er skal tilføjes tilføjet?
- Clone
 - Der trækker man repository ned på computer for første gang

Git cheat sheet:



Når du skal lave en lokal repository

- Start med at connect din github med git bash

```

emmas@Emmas_pc MINGW64 ~
$ git config --global user.name "EmmaSkau"

emmas@Emmas_pc MINGW64 ~
$ git config --global user.email "emmaskaujensen@gmail.com"

```

- cd - Start med at skrive cd

```

emmas@Emmas_pc MINGW64 ~
$ cd
Display all 43 possibilities? (y or n)
.password/
.Origin/
.QtWebEngineProcess/
.ScreamingFrogSEOSpider/
.bash_history
.gitconfig
.ms-ad/
.node_repl_history
.openjfx/
.vscode/
Andre computere/
AppData/
Application Data/
Contacts/
Cookies/
Creative Cloud Files Personal Account emmaskaujensen@gmail.com 3BE22B576308D3F30
A495E26@AdobeID/
Documents/
Dokumenter/
Downloads/
Favorites/
IntelGraphicsProfiles/
Links/
Lokale indstillinger/

```

- cd navnPåMappe
 - Du skal finde mappen du vil have den lokale repository skal ligge. Lav en linje indtil du er der hvor du skal være. Fx start med "cd git OneDrive" så er du i OneDrive. Skriv igen indtil du er i den ønskede mappe

```

emmas@Emmas_pc MINGW64 ~/OneDrive - IBA Erhvervsakademi Kolding/code_school/BrugerOplevelser/git
$ cd git

```

- Hvis du kommer til at gå i den forkerte mappe kan du gå tilbage igen ved at skrive cd ..
 - Så går du tilbage

```
emmas@Emmas_pc MINGW64 ~/OneDrive
$ cd ..

emmas@Emmas_pc MINGW64 ~
```

- Så laver du en directory

```
emmas@Emmas_pc MINGW64 ~/OneDrive - IBA Erhvervsakademi Kolding/code_school/BrugerOplevelser/git
$ mkdir git
```

- git clone
 - for at kopier den ned til local directory

```
emmas@Emmas_pc MINGW64 ~/OneDrive - IBA Erhvervsakademi Kolding/code_school/BrugerOplevelser/git/git
$ git clone https://github.com/EmmaSkau/git-pbw-pbi.git
Cloning into 'git-pbw-pbi'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.
```

Når du skal trække kode ned:

- git pull

```
emmas@Emmas_pc MINGW64 ~/OneDrive - IBA Erhvervsakademi Kolding/code_school/BrugerOplevelser/git/git/git-pbw-pbi (main)
$ git pull
remote: Enumerating objects: 17, done.
remote: Counting objects: 100% (17/17), done.
remote: Compressing objects: 100% (12/12), done.
remote: Total 15 (delta 1), reused 14 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (15/15), 1.35 KiB | 28.00 KiB/s, done.
From https://github.com/EmmaSkau/git-pbw-pbi
   40e4168..996e989  main       -> origin/main
Updating 40e4168..996e989
Fast-forward
 test.md | 3 +++
 1 file changed, 3 insertions(+)
```

- Ændre/tilføj det du skal
- git add filnavn.type
 - fx test.md eller index.html

```
emmas@Emmas_pc MINGW64 ~/OneDrive - IBA Erhvervsakademi Kolding/code_school/BrugerOplevelser/git/git/git-pbw-pbi (main)
$ git add test.md
```

- `git commit -m "skriv note til det du har lavet"`

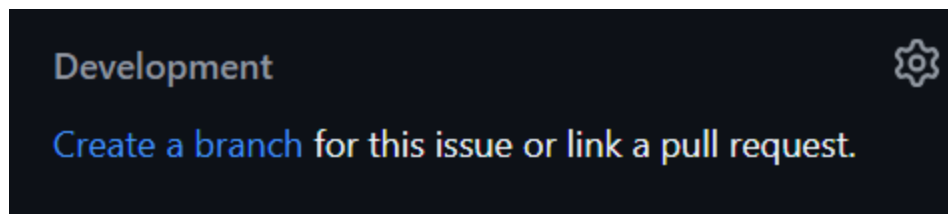
```
emmas@Emmas_pc MINGW64 ~/OneDrive - IBA Erhvervsakademi Kolding/code_school/BrugerOplevelser/git/git/git-pbw
-pbi (main)
$ git commit -m "Slut"
[main 6276c14] Slut
1 file changed, 2 insertions(+), 1 deletion(-)
```

- `git push`

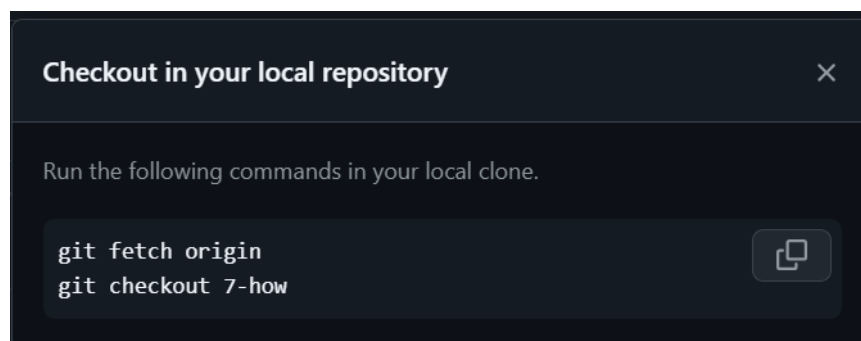
```
emmas@Emmas_pc MINGW64 ~/OneDrive - IBA Erhvervsakademi Kolding/code_school/BrugerOplevelser/git/git/git-pbw
-pbi (main)
$ git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 417 bytes | 417.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/EmmaSkau/git-pbw-pbi.git
996e989..6276c14 main -> main
```

Create en branch

- Man laver en issue i github til at starte med. Når du har oprettet den går du ned til development og trykker create a branch



- Du kopier følgende command og skriver ind i git



```

emmas@Emmas_pc MINGW64 ~/OneDrive - IBA Erhvervsakademi Kolding/code_school/BrugerOplevelser/git/git/git-pbw
-pbi (5-testy)
$ git fetch origin
git checkout 7-how
remote: Enumerating objects: 13, done.
remote: Counting objects: 100% (13/13), done.
remote: Compressing objects: 100% (6/6), done.
remote: Total 12 (delta 0), reused 12 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (12/12), 1023 bytes | 23.00 KiB/s, done.
From https://github.com/EmmaSkau/git-pbw-pbi
   ba1f3eb..46dfacd 1-kapitel-malene -> origin/1-kapitel-malene
   ba1f3eb..0ac128f 4-test-issue      -> origin/4-test-issue
* [new branch]      6-sejtnavn       -> origin/6-sejtnavn
* [new branch]      7-how           -> origin/7-how
Switched to a new branch '7-how'
branch '7-how' set up to track 'origin/7-how'.

```

- Så skal der laves en mappe ved at skrive mkdir "navn" og den kommer ind i mappen

```

emmas@Emmas_pc MINGW64 ~/OneDrive - IBA Erhvervsakademi Kolding/code_school/BrugerOplevelser/git/git/git-pbw
-pbi (7-how)
$ mkdir "HOW"

```

Navn	Status	Ændringsdato	Type	Størrelse
HOW	✓	03-09-2024 12:52	Filmappe	
README	✓	03-09-2024 10:21	Markdown Source File	1 KB
test	✓	03-09-2024 12:27	Markdown Source File	1 KB

- Så skal du lave en fil i mappen og gemme den
- Når du har dette skriver du git add i git

```

emmas@Emmas_pc MINGW64 ~/OneDrive - IBA Erhvervsakademi Kolding/code_school/BrugerOplevelser/git/git/git-pbw
-pbi (7-how)
$ git add "HOW"

```

- git commit -md "test"

```

emmas@Emmas_pc MINGW64 ~/OneDrive - IBA Erhvervsakademi Kolding/code_school/BrugerOplevelser/git/git/git-pbw
-pbi (7-how)
$ git commit -m "dette er en test"
[7-how bccalb0] dette er en test
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 HOW/how.md

```

- git push

```

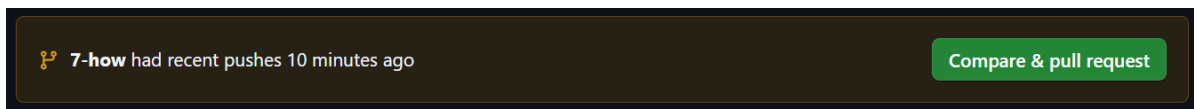
emmas@Emmas_pc MINGW64 ~/OneDrive - IBA Erhvervsakademi Kolding/code_school/BrugerOplevelser/git/git/git-pbw
-pbi (7-how)
$ git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (4/4), 349 bytes | 349.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/EmmaSkau/git-pbw-pbi.git
   b1f3eb..bcca1b0 7-how -> 7-how

```

- Nu er der lavet en branch med filer i

Merge branch til main

- Start med at trykke på compare & pull request



- Creat pull request

Add a title

dette er en test

Add a description

Write

Preview

H B I ≡ <> 🔗

Add your description here...

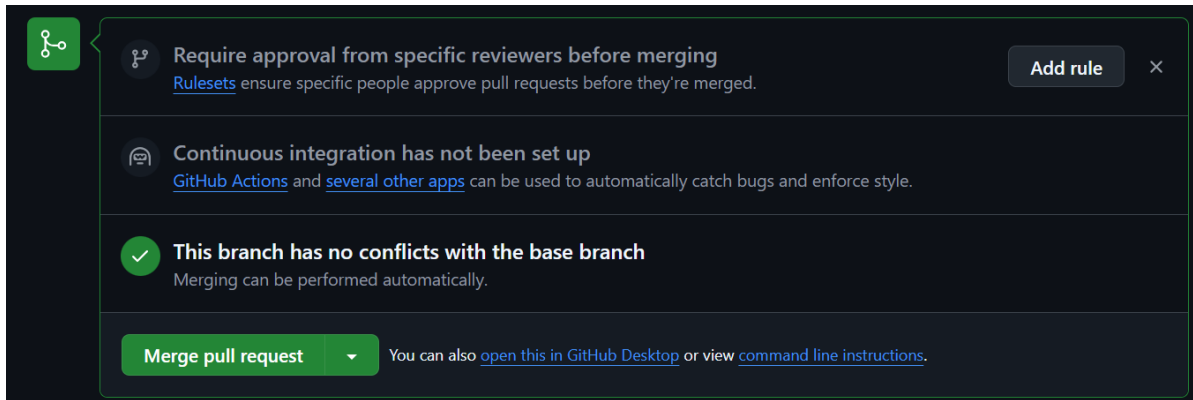
Mention

📖 Markdown is supported

📎 Paste, drop, or click to add files

Create pull request

- Merge pull request og confirm merge



This panel shows the status of a pull request before merging. It includes a green checkmark icon, a 'Merge pull request' button, and a 'Require approval from specific reviewers before merging' rule. The status indicates that the branch has no conflicts with the base branch and that merging can be performed automatically.

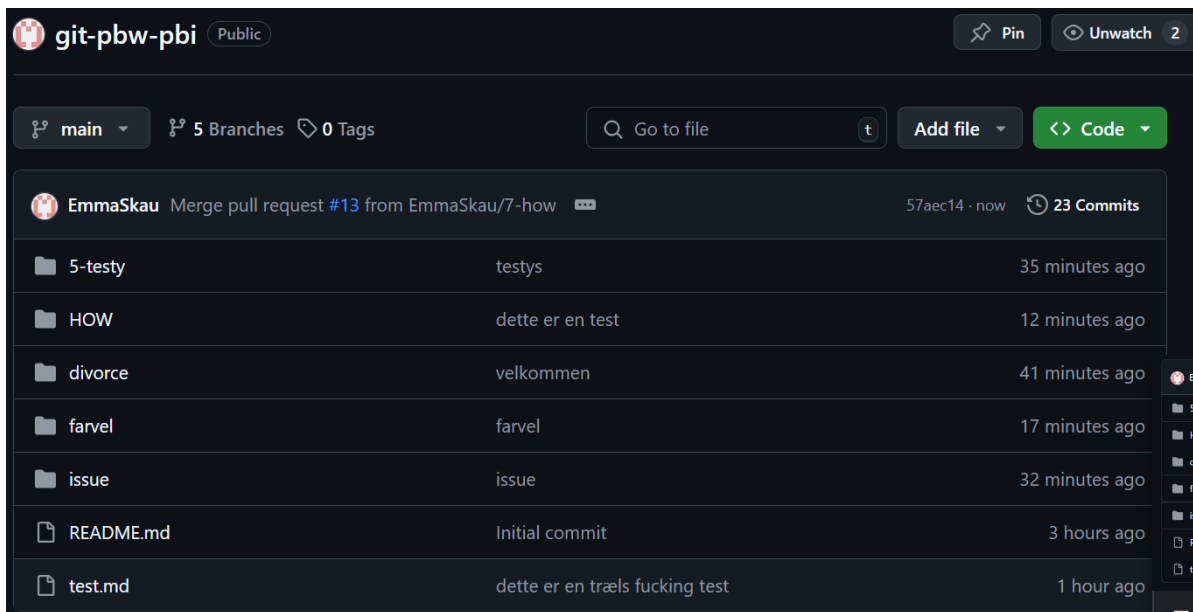
Require approval from specific reviewers before merging
[Rulesets](#) ensure specific people approve pull requests before they're merged. Add rule ×

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](#).

- Nu skulle den gerne være merged og inde i main repository



This screenshot shows the GitHub repository page for 'git-pbw-pbi'. The repository is public and has 5 branches and 0 tags. The main branch is selected. The page shows a list of files and folders, including '5-testy', 'HOW', 'divorce', 'farvel', 'issue', 'README.md', and 'test.md'. The commit history shows 23 commits, with the most recent commit being 'Merge pull request #13 from EmmaSkau/7-how' by EmmaSkau, committed 57aec14 · now.

git-pbw-pbi Public Pin Unwatch 2

main 5 Branches 0 Tags Go to file t Add file <> Code

EmmaSkau Merge pull request #13 from EmmaSkau/7-how 57aec14 · now 23 Commits

File/Folder	Commit Message	Time Ago
5-testy	testys	35 minutes ago
HOW	dette er en test	12 minutes ago
divorce	velkommen	41 minutes ago
farvel	farvel	17 minutes ago
issue	issue	32 minutes ago
README.md	Initial commit	3 hours ago
test.md	dette er en trøls fucking test	1 hour ago