



**git**



# GitHub clone pull/push

+ extra dokumentasjon

# Clone

Man bruker git clone for å først kopiere alt i en repo

```
C:\Users\Jonas Baekkelund>cd Documents

C:\Users\Jonas Baekkelund\Documents>git clone https://github.com/TheCatSchool/Project1.git
Cloning into 'Project1'...
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.

C:\Users\Jonas Baekkelund\Documents>
```

```
jonascats2000@jonascats2000: ~/Documents
jonascats2000@jonascats2000: ~/Documents$ git clone https://github.com/TheCatSchool/Project1.git
Cloning into 'Project1'...
remote: Enumerating objects: 9, done.
remote: Counting objects: 100% (9/9), done.
remote: Compressing objects: 100% (6/6), done.
remote: Total 9 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (9/9), done.
```

# Status

Her bruker jeg status for å sjekke om min Branch er oppdater. den viser statusen til git og sier at jeg commite med mine filer.

```
Jonas Baekkelund@JBIMI2-1 MINGW64 ~/Documents/Project1 (main)
● $ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   Placeholder.py
        new file:   greatcode.py
```

# Commit(virker ikke)

Her prøver jeg å bruke git commit men pga det virker ikke fordi jeg ikke hadde logget in på git.

Jeg runner gitconfigs for å logge in med min github så at jeg kan comitte de.

```
Jonas Baekkelund@JBIMI2-1 MINGW64 ~/Documents/Project1 (m
⊗ $ git commit -m "new thing"
Author identity unknown

*** Please tell me who you are.

Run

git config --global user.email "you@example.com"
git config --global user.name "Your Name"
```

# Git commit

Her bruker jeg git commit og de virker, det lar meg gjøre mine filer klare til å bli pushet.

Her comitter jeg en endring på en fil som jeg hadde kopiert og en nye en jeg hadde lagd fra før av.

```
Jonas Baekkelund@JBIMI2-1 MINGW64 ~/Documents/Project1 (main)
● $ git config --global user.email "jobaa030@oslaskolen.no"

Jonas Baekkelund@JBIMI2-1 MINGW64 ~/Documents/Project1 (main)
● $ git commit -m "new thingy"
[main 5069213] new thingy
2 files changed, 15 insertions(+)
create mode 100644 Placeholder.py
create mode 100644 greatcode.py
```

# Git pull

- Her puller jeg oppdatering fra github, dette måtte jeg gjøre fordi jeg fikk feilmelding når jeg prøve push, derfor pullet jeg for å ha alt kart før jeg pusher


```
Jonas Baekkelund@JBIM12-1 MINGW64 ~/Documents/Project1 (main)
$ git pull
remote: Enumerating objects: 7, done.
remote: Counting objects: 100% (7/7), done.
remote: Compressing objects: 100% (5/5), done.
remote: Total 6 (delta 0), reused 0 (delta 0), pack-reused 0 (delta 0)
Unpacking objects: 100% (6/6), 1.93 KiB | 247.00 KiB/s, done.
From https://github.com/TheCatSchool/Project1
   2266b49..2070c01  main      -> origin/main
Merge made by the 'ort' strategy.
Project1/Placeholder.py | 1 +
```



# Git push




- Her pusher jeg alle mine nye filer, dette oppdaterer github og sender mine filer til den.


```
Jonas Baekkelund@JBIM12-1 MINGW64 ~/Documents/Project1 (main)
● $ git push
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 16 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 661 bytes | 661.00 KiB/s, done.
Total 5 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 1 local object.
```


# Her er oppradert prosjekt



 **Project1** Public



 Pin  Watch





 main  1 Branch  0 Tags



**Add file** 

 **Code** 

 **TheCatSchool** Merge branch 'main' of <https://github.com/TheCatSchool/Project1> 82f4c4b · yesterday  5 Commits

 Project1	Add files via upload	2 days ago
 Placeholder.py	new thingy	yesterday
 README.md	Initial commit	2 days ago
 greatcode.py	new thingy	yesterday



# Git updating

- Her oppdaterer jeg pi sin git mappe, først sjekker jeg status og etter dette puller jeg alle de nye filene. Så runner jeg den nye som da beviser at det har blitt pulled.

```
jonascats2000@jonascats2000:~$ git status
fatal: not a git repository (or any of the parent directories): .git
jonascats2000@jonascats2000:~$ cd documents
bash: cd: documents: No such file or directory
jonascats2000@jonascats2000:~$ cd Documents
jonascats2000@jonascats2000:~/Documents$ cd project1
bash: cd: project1: No such file or directory
jonascats2000@jonascats2000:~/Documents$ cd Project1
jonascats2000@jonascats2000:~/Documents/Project1$ sudo git status
[sudo] password for jonascats2000:
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
jonascats2000@jonascats2000:~/Documents/Project1$ sudo git pull
remote: Enumerating objects: 7, done.
remote: Counting objects: 100% (7/7), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 5 (delta 2), reused 5 (delta 2), pack-reused 0 (from 0)
Unpacking objects: 100% (5/5), 641 bytes | 40.00 KiB/s, done.
From https://github.com/TheCatSchool/Project1
   2070c01..82f4c4b  main       -> origin/main
Updating 2070c01..82f4c4b
Fast-forward
 greatcode.py | 14 ++++++++
 1 file changed, 14 insertions(+)
 create mode 100644 greatcode.py
jonascats2000@jonascats2000:~/Documents/Project1$ python3 greatcode.py
=== ACTION MENU ===
== cmd1          cmd2 ==

== cmd3          cmd4 ==
execute cmd?1
hello
jonascats2000@jonascats2000:~/Documents/Project1$
```

# Auto update script

- Jeg har lagd en python script som gjør oppdateringer automatisk.
- Det virker med pull og push og man skriver commit msg via prompt.
- Den automatisk finner repository path ved bruk av OS.

```
== cmd5 (git pull) ==  
== cmd6 (git push) ==  
execute cmd? 5  
Running git pull...  
Pull successful:  
Already up to date.
```

```
Running git push...  
commit msg?docevidence  
[main b953e8d] docevidence  
1 file changed, 1 insertion(+), 1 deletion(-)  
Push successful:
```

```
== cmd5 (git pull) ==  
== cmd6 (git push) ==  
execute cmd?5  
Running git pull...  
Pull successful:  
Updating e51f00b..b953e8d  
Fast-forward  
DOOM.WAD => Dokumentasjon/DOOM.WAD | Bin  
hei => Dokumentasjon/hei | 0  
Project1/Placeholder.py | 1 -  
Project1/README.md | 1 -  
greatcode.py | 3 ++-  
5 files changed, 2 insertions(+), 3 deletions(-)  
rename DOOM.WAD => Dokumentasjon/DOOM.WAD (100%)  
rename hei => Dokumentasjon/hei (100%)  
delete mode 100644 Project1/Placeholder.py  
delete mode 100644 Project1/README.md
```

# Doom

Jeg installerte doom via først installe chocolate-doom som er en modern doom launcher.

Dermed downloada jeg doom.wad på min laptop og sendte den over via git.

Etter å plassere doom.wad i mappen til chocolate-doom fikk jeg runne doom. Via command «chocolate-doom»

```
jonascats2000@jonascats2000:~$ sudo apt-get install chocolate-doom
```

```
=====
                        DOOM Registered
=====
Chocolate Doom is free software, covered by the GNU General Public
License.  There is NO warranty; not even for MERCHANTABILITY or FITNESS
FOR A PARTICULAR PURPOSE. You are welcome to change and distribute
copies under certain conditions. See the source for more information.
=====
I_Init: Setting up machine state.
OPL_Init: Using driver 'SDL'.
NET_Init: Init network subsystem.
M_Init: Init miscellaneous info.
R_Init: Init DOOM refresh daemon - [.....]
P_Init: Init Playloop state.
S_Init: Setting up sound.
I_SDL_PrecacheSounds: Precaching all sound effects.....
D_CheckNetGame: Checking network game status.
startskill 2  deathmatch: 0  startmap: 1  startepisode: 1
player 1 of 1 (1 nodes)
Emulating the behavior of the 'Doom 1.9' executable.
HU_Init: Setting up heads up display.
ST_Init: Init status bar.
yjonascats2000@jonascats2000:~$
```