

# **Git-triks**

**Fredrik Valdmanis, BEKK  
ettermiddagen@ifi 2017**



**add , commit , push , pull**

**branch, merge**

# 1: Log-alias

```
→ repo git:(master) git log  
commit a6de2df5163eb11b2ce3c1a9d24760ef98eeeab8  
Author: Fredrik <fredrik@valdmanis.com>  
Date:   Mon May 1 13:20:19 2017 +0200
```

Revert "Fyll ut mer i fil 7"

This reverts commit 8987cbcd13e3e843170206f168403188bcf7aa5c.

```
commit e39ef1d804d38e30ebe79db839295f83dd2e448a  
Author: Fredrik <fredrik@valdmanis.com>  
Date:   Mon May 1 13:20:06 2017 +0200
```

Fyll ut mer i fil 7

```
commit 298b1dbe132a93d86174570447127e212ae56b53  
Merge: 1b99526 520582c  
Author: Fredrik <fredrik@valdmanis.com>  
Date:   Mon May 1 13:19:33 2017 +0200
```

Merge branch 'feature'

```
→ repo git:(master) git log --branches --graph --pretty=format:'%Cred
%h%Creset -%C(yellow)%d%Creset %s %Cgreen(%cr) %C(bold blue)<%an>%C
set' --abbrev-commit --date=relative
* a6de2df - (HEAD -> master) Revert "Fyll ut mer i fil 7" (12 minutes
ago) <Fredrik>
* e39ef1d - Fyll ut mer i fil 7 (12 minutes ago) <Fredrik>
* 298b1db - Merge branch 'feature' (13 minutes ago) <Fredrik>
| \
| * 520582c - Fjern ubrukte ting (14 minutes ago) <Fredrik>
| * dfa6602 - Ytterligere noen notater (14 minutes ago) <Fredrik>
|
* 1b99526 - Flere notater (14 minutes ago) <Fredrik>
* 4f47b65 - Flytt noen filer# (15 minutes ago) <Fredrik>
* a1866a8 - Innhold i fill1 (3 days ago) <Fredrik>
* 0643b86 - Legg til filer (3 days ago) <Fredrik>%
→ repo git:(master) █
```

```
→ repo git:(master) git log --branches --graph --pretty=format:'%Cred  
%h%Creset -%C(yellow)%d%Creset %s %Cgreen(%cr) %C(bold blue)<%an>%C  
reset' --abbrev-commit --date=relative
```

```
* a6de2df - (HEAD -> master) Revert "Fyll ut mer i fil 7" (12 minutes  
ago) <Fredrik>  
* e39ef1d - Fyll ut mer i fil 7 (12 minutes ago) <Fredrik>  
* 298b1db - Merge branch 'feature' (13 minutes ago) <Fredrik>  
|\  
| * 520582c - Fjern ubrukte ting (14 minutes ago) <Fredrik>  
| * dfa6602 - Ytterligere noen notater (14 minutes ago) <Fredrik>  
|/  
* 1b99526 - Flere notater (14 minutes ago) <Fredrik>  
* 4f47b65 - Flytt noen filer# (15 minutes ago) <Fredrik>  
* a1866a8 - Innhold i fill1 (3 days ago) <Fredrik>  
* 0643b86 - Legg til filer (3 days ago) <Fredrik>%  
→ repo git:(master) █
```

```
→ repo git:(master) git ls
```

```
* a6de2df - (HEAD -> master) Revert "Fyll ut mer i fil 7" (12 minutes ago) <Fredrik>
* e39ef1d - Fyll ut mer i fil 7 (12 minutes ago) <Fredrik>
* 298b1db - Merge branch 'feature' (13 minutes ago) <Fredrik>
| \
| * 520582c - Fjern ubrukte ting (14 minutes ago) <Fredrik>
| * dfa6602 - Ytterligere noen notater (14 minutes ago) <Fredrik>
|
* 1b99526 - Flere notater (14 minutes ago) <Fredrik>
* 4f47b65 - Flytt noen filer# (15 minutes ago) <Fredrik>
* a1866a8 - Innhold i fill1 (3 days ago) <Fredrik>
* 0643b86 - Legg til filer (3 days ago) <Fredrik>%
```

→ repo git:(master) █

```
→ repo git:(master) git lg
a6de2df 22 minutes ago Revert "Fyll ut mer i fil 7" (HEAD -> master)
Fredrik
e39ef1d 22 minutes ago Fyll ut mer i fil 7 Fredrik
298b1db 22 minutes ago Merge branch 'feature' Fredrik
520582c 23 minutes ago Fjern ubrukte ting Fredrik
dfa6602 24 minutes ago Ytterligere noen notater Fredrik
1b99526 24 minutes ago Flere notater Fredrik
4f47b65 24 minutes ago Flytt noen filer# Fredrik
a1866a8 3 days ago Innhold i fil1 Fredrik
0643b86 3 days ago Legg til filer Fredrik
→ repo git:(master) █
```

**Google: “git alias”**

# 2: Amend commit

```
→ repo git:(master) ✘ git st
## master
?? nyfil1
?? nyfil2
```

```
→ repo git:(master) ✘ git st
## master
?? nyfil1
?? nyfil2
→ repo git:(master) ✘ git add nyfil1
→ repo git:(master) ✘ git ci -m "Legg til flere filer 🤓"
[master b685c09] Legg til flere filer 🤓
  1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 nyfil1
```

```
→ repo git:(master) ✘ git st
## master
?? nyfil1
?? nyfil2
→ repo git:(master) ✘ git add nyfil1
→ repo git:(master) ✘ git ci -m "Legg til flere filer 🤓"
[master b685c09] Legg til flere filer 🤓
  1 file changed, 0 insertions(+), 0 deletions(-)
  create mode 100644 nyfil1
→ repo git:(master) ✘ git st
## master
?? nyfil2
```

```
→ repo git:(master) ✘ git st
## master
?? nyfil1
?? nyfil2
→ repo git:(master) ✘ git add nyfil1
→ repo git:(master) ✘ git ci -m "Legg til flere filer 🤓"
[master b685c09] Legg til flere filer 🤓
  1 file changed, 0 insertions(+), 0 deletions(-)
  create mode 100644 nyfil1
→ repo git:(master) ✘ git st
## master
?? nyfil2
→ repo git:(master) ✘ git add nyfil2
→ repo git:(master) ✘ git ci -m "Glemte en fil 😞"
[master a367e18] Glemte en fil 😞
  1 file changed, 0 insertions(+), 0 deletions(-)
  create mode 100644 nyfil2
→ repo git:(master) ┌
```

```
→ repo git:(master) git lg
b5a1f2e 2 seconds ago Glemte en fil 😞 (HEAD -> master) Fredrik
2384ab5 13 seconds ago Legg til flere filer ✅ Fredrik
```

```
→ repo git:(master) ✘ git st  
## master  
?? nyfil2
```

```
→ repo git:(master) ✘ git st
## master
?? nyfil2
→ repo git:(master) ✘ git add .
→ repo git:(master) ✘ git commit --amend
[master f730c7d] Legg til flere filer 🤓
Date: Mon May 1 13:55:29 2017 +0200
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 fil9
create mode 100644 nyfil2
→ repo git:(master) ┌
```

# 3: Force push

**git push --force**

**Tips: Ikke gjør det**

# 4: Interaktiv rebase

```
→ repo git:(master) git lg
8435e58 16 minutes ago Glemte en fil 😞 (HEAD -> master) Fredrik
f730c7d 22 minutes ago Legg til flere filer ✌️ Fredrik
a6de2df 57 minutes ago Revert "Fyll ut mer i fil 7" Fredrik
e39ef1d 57 minutes ago Fyll ut mer i fil 7 Fredrik
298b1db 58 minutes ago Merge branch 'feature' Fredrik
520582c 59 minutes ago Fjern ubrukte ting Fredrik
dfa6602 59 minutes ago Ytterligere noen notater Fredrik
1b99526 59 minutes ago Flere notater Fredrik
4f47b65 60 minutes ago Flytt noen filer# Fredrik
a1866a8 3 days ago Innhold i fil1 Fredrik
0643b86 3 days ago Legg til filer Fredrik
→ repo git:(master) █
```

```
→ repo git:(master) git rebase -i HEAD~8
```

```
pick 4f47b65 Flytt noen filer#
pick 1b99526 Flere notater
pick dfa6602 Ytterligere noen notater
pick 520582c Fjern ubrukte ting
pick e39ef1d Fyll ut mer i fil 7
pick a6de2df Revert "Fyll ut mer i fil 7"
pick f730c7d Legg til flere filer ✌
pick 8435e58 Glemte en fil 😞
```

```
# Rebase 0643b86..8435e58 onto 0643b86 ( 9 commands )
#
# Commands:
# p, pick = use commit
# r, reword = use commit, but edit the commit message
# e, edit = use commit, but stop for amending
# s, squash = use commit, but meld into previous commit
# f, fixup = like "squash", but discard this commit's log message
# x, exec = run command (the rest of the line) using shell
# d, drop = remove commit
```

```
reword 4f47b65 Flytt noen filer#
pick 1b99526 Flere notater
pick dfa6602 Ytterligere noen notater
drop 520582c Fjern ubrukte ting
pick 2c0379f Fyll ut mer i fil 7
pick 234e38d Revert "Fyll ut mer i fil 7"
pick 8aa283b Legg til flere filer 🤝
fixup 1d61504 Glemte en fil 😞
```

```
# Rebase 0643b86..8435e58 onto 0643b86 ( 9 commands )
#
# Commands:
# p, pick = use commit
# r, reword = use commit, but edit the commit message
# e, edit = use commit, but stop for amending
# s, squash = use commit, but meld into previous commit
# f, fixup = like "squash", but discard this commit's log message
# x, exec = run command (the rest of the line) using shell
# d, drop = remove commit
```

```
→ repo git:(master) git lg
656afe2 36 minutes ago Legg til flere filer ✌ (HEAD -> master) Fredrik
1ac697e 71 minutes ago Revert "Fyll ut mer i fil 7" Fredrik
579f1f9 71 minutes ago Fyll ut mer i fil 7 Fredrik
92d9cda 73 minutes ago Ytterligere noen notater Fredrik
71a0930 73 minutes ago Flere notater Fredrik
eed7f43 74 minutes ago Flytt noen filer Fredrik
0643b86 3 days ago Legg til filer Fredrik
→ repo git:(master) █
```

# 5: Fet prompt

```
→ repo git:(master) touch fil.txt  
→ repo git:(master) x
```

```
→ repo git:(master) touch fil.txt
→ repo git:(master) x
→ repo git:(master) x git add fil.txt && git ci -m "Ny fil"
[master 143f105] Ny fil
  1 file changed, 0 insertions(+), 0 deletions(-)
  create mode 100644 fil.txt
→ repo git:(master)
```

```
→ repo git:(master) touch fil.txt
→ repo git:(master) x
→ repo git:(master) x git add fil.txt && git ci -m "Ny fil"
[master 143f105] Ny fil
  1 file changed, 0 insertions(+), 0 deletions(-)
  create mode 100644 fil.txt
→ repo git:(master)
→ repo git:(master) git checkout -b feature-branch
Switched to a new branch 'feature-branch'
→ repo git:(feature-branch) █
```

**github . com/fredva/git-triks**

Takk for meg