## /Sei (k)ein Blödmann und nutze Git!

or how to git gud



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## Geschichte

Wo kommt git her?









### /Blödmann:

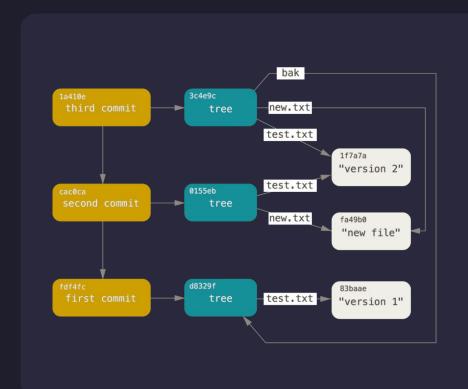
Git ([gɪt], engl. Blödmann) ist eine freie Software zur verteilten Versionsverwaltung von Dateien, die von Linus Torvalds ursprünglich für die Quellcode-Verwaltung des Linux-Kernels entwickelt wurde.











/02

## **Funktion**

Was kann Git?













## /Beispiel <init>







## /Beispiel <diff>

```
cmd
                                          - \square \times
$ git diff .\iterator.py
> diff --qit a/iterator.py b/iterator.py
  index 36646c3..3d6bc4a 100644
  --- a/iterator.py
  +++ b/iterator.py
 @@ -1,5 +1,5 @@
   #should print numbers 0 to 10
  counter = 0
  +while (counter <= 10):
       print(counter)
      counter += 1
$ git add .\iterator.py
$ git commit -m 'hotfix'
> [master e8311b1] hotfix
  1 file changed, 2 insertions(+), 2 deletions(-)
```

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## /Beispiel <log && restore>







## /Beispiel <diff>

```
cmd
                                            - \square \times
$ git diff
> diff --qit a/iterator.py b/iterator.py
  index 3d6bc4a..c570625 100644
  --- a/iterator.py
  +++ b/iterator.py
  @@ -1,5 +1,5 @@
  +#should print numbers 1 to 10
   counter = 0
  +while (counter < 10):
       counter += 1
       print(counter)
$ git add ./iterator.py
$ git commit -m 'adapt task'
> [master 53cef7c] adapt task
  1 file changed, 3 insertions(+), 3 deletions(-)
```







# GIT HOSTING SERVICES

Die *verteilte* ← ← ← Versionsverwaltung



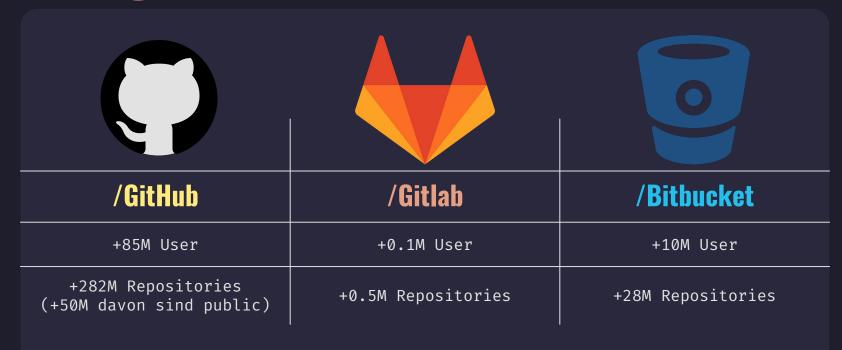






#### $\equiv$

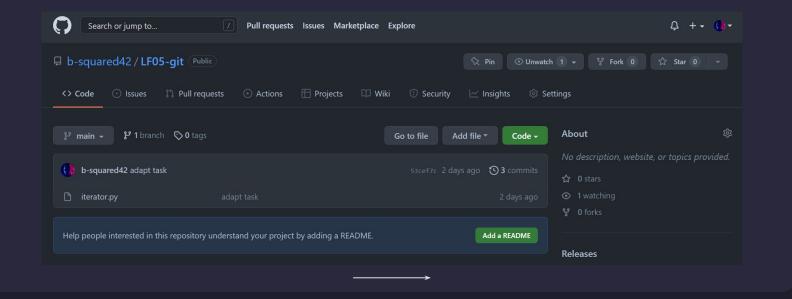
## /Vergleich















- \$ clone
- \$ push
- \$ pull







- \$ clone
- \$ push
- \$ pull

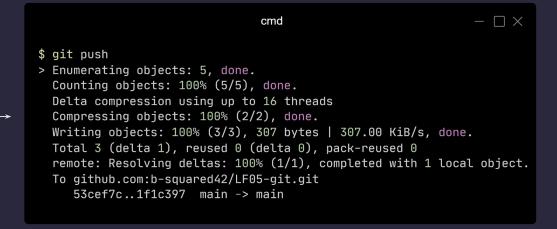








- \$ clone
- \$ push —
- \$ pull









- \$ clone
- \$ push
- \$ pull







#### $\equiv$

# /Sei (k)ein Blödmann und stelle Fragen!

now u git gud.











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Fx-sh&width=364&ds=false&dsyoff

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rue&pv=56px&ph=56px&ln=false&fl

=1&fm=JetBrains+Mono&fs=14px&l

h=133%25&si=false&es=4x&wm=fa

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it%250A%253E%2520Initialized%2

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## <zwischenspeicher>

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