

# Kommandozeileninterpreter

```
C:\Windows\System32\cmd.exe

C:\Users\marku>cd..

C:\Users>cd..

C:\>dir
Datenträger in Laufwerk C: ist Windows
Volumeseriennummer: AED1-D40A

Verzeichnis von C:\

01.08.2021  13:21    <DIR>          COMTEST_CAM
21.10.2021  13:30    <DIR>          hpswsetup
01.11.2021  20:33    <DIR>          Program Files
04.10.2021  12:01    <DIR>          Program Files (x86)
19.11.2020  17:00    <DIR>          Users
18.11.2021  21:34    <DIR>          Windows
               0 Datei(en),               0 Bytes
               6 Verzeichnis(se), 354 100 699 136 Bytes frei

C:\>cd Users

C:\Users>cd marku

C:\Users\marku>cd OneDrive

C:\Users\marku\OneDrive>cd Dokumente

C:\Users\marku\OneDrive\Dokumente>cd/../../../../../..

C:\>cd Users

C:\Users>
```

## Lokales Repo erzeugen

```
C:\Users\marku\OneDrive\Dokumente>cd 2022

C:\Users\marku\OneDrive\Dokumente\2022>cd Software

C:\Users\marku\OneDrive\Dokumente\2022\Software>mkdir firstRepo
Ein Unterverzeichnis oder eine Datei mit dem Namen "firstRepo" existiert bereits.

C:\Users\marku\OneDrive\Dokumente\2022\Software>mkdir firstRepo

C:\Users\marku\OneDrive\Dokumente\2022\Software>cd firstRepo

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git init
Initialized empty Git repository in C:/Users/marku/OneDrive/Dokumente/2022/Software/firstRepo/.git/

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git /adh
git: '/adh' is not a git command. See 'git --help'.

The most similar commands are
    add
    stash

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>dir /adh
Datenträger in Laufwerk C: ist Windows
Volumeseriennummer: AED1-D40A

Verzeichnis von C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo

30.11.2021  09:35    <DIR>          .git
               0 Datei(en),               0 Bytes
               1 Verzeichnis(se), 354 068 316 160 Bytes frei

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>
```

## Status prüfen

```
C:\Windows\System32\cmd.exe
C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git status
On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>
```

## Inhalt adden

```
C:\Windows\System32\cmd.exe
C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>copy con firstFile.txt
Hi

        1 Datei(en) kopiert.

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        firstFile.txt

nothing added to commit but untracked files present (use "git add" to track)

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git add firstFile.txt

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   firstFile.txt

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>
```

## Inhalt committen

```
C:\Windows\System32\cmd.exe

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git commit -m "add first File"
[master (root-commit) f7d75e1] add first File
1 file changed, 1 insertion(+)
create mode 100644 firstFile.txt

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git sstatus
git: 'sstatus' is not a git command. See 'git --help'.

The most similar command is
    status

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git status
On branch master
nothing to commit, working tree clean

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>
```

## Inhalt verändern

```
C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   firstFile.txt

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git add firstFile.txt

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git commit -m "Zeile hinzugefuegt"
[master c678906] Zeile hinzugefuegt
1 file changed, 1 insertion(+)
```

# Datei Löschen

```
C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git add .

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   delFile.txt
        new file:   delFile2.txt

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git rm -f delFile.txt
rm 'delFile.txt'

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   delFile2.txt

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git commit -m "new file"
[master 794d4cc] new file
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 delFile2.txt

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git rm -f delFile2.txt
rm 'delFile2.txt'

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        deleted:    delFile2.txt

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git commit -m "commite die Loeschung"
[master ac96014] commite die Loeschung
 1 file changed, 0 insertions(+), 0 deletions(-)
 delete mode 100644 delFile2.txt

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>
```



# Dateien Löschen

```
C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git add .

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git rm --cached doNotTrack.txt
rm 'doNotTrack.txt'

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   doNotTrack2.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    doNotTrack.txt

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git commit -m "commit doNotTrack2"
[master 654347c] commit doNotTrack2
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 doNotTrack2.txt

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git rm --cached doNotTrack2.txt
rm 'doNotTrack2.txt'

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    deleted:    doNotTrack2.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    doNotTrack.txt
    doNotTrack2.txt

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git commit -m "commite das untrackte"
[master 8b535ef] commite das untrackte
1 file changed, 0 insertions(+), 0 deletions(-)
delete mode 100644 doNotTrack2.txt

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>
```

## Dateien Umbenennen

```
C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git add doNotTrack.txt

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git commit -m "commit"
[master 5a85e35] commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 doNotTrack.txt

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git mv doNotTrack.txt doTrack.txt

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        renamed:    doNotTrack.txt -> doTrack.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        doNotTrack2.txt

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git commit -m "renamed file"
[master 67ca43c] renamed file
1 file changed, 0 insertions(+), 0 deletions(-)
rename doNotTrack.txt => doTrack.txt (100%)

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>
```

## Änderung einer Datei

```
C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   firstFile.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        doNotTrack2.txt

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git restore firstFile.txt

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        doNotTrack2.txt

nothing added to commit but untracked files present (use "git add" to track)

C:\Users\marku\OneDrive\Dokumente\2022\Software\firstRepo>
```