

Kommandozeileninterpreter

```
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C:\Users\maxim>cd..  
C:\Users>cd..  
C:\>dir  
Datenträger in Laufwerk C: ist Windows  
Volumeseriennummer: 40FE-E3BB  
  
Verzeichnis von C:\  
  
09.03.2021  14:16    <DIR>        Bilder  
07.12.2019  10:14    <DIR>        PerfLogs  
02.12.2021  10:48    <DIR>        Program Files  
05.10.2021  14:59    <DIR>        Program Files (x86)  
17.02.2021  22:39    <DIR>        Users  
20.12.2021  20:19    <DIR>        Windows  
             0 Datei(en),               0 Bytes  
             6 Verzeichnis(se), 332 641 742 848 Bytes frei  
  
C:\>cd Users  
  
C:\Users>cd maxim  
  
C:\Users\maxim>cd HTL  
  
C:\Users\maxim\HTL>cd ../../..  
  
C:\>
```

Lokales Repo erzeugen

```
C:\Users\maxim\HTL\Cpr\Software>mkdir firstRepo  
  
C:\Users\maxim\HTL\Cpr\Software>cd firstRepo  
  
C:\Users\maxim\HTL\Cpr\Software\firstRepo>git init  
Initialized empty Git repository in C:/Users/maxim/HTL/Cpr/Software/firstRepo/.git/  
  
C:\Users\maxim\HTL\Cpr\Software\firstRepo>dir /adh  
Datenträger in Laufwerk C: ist Windows  
Volumeseriennummer: 40FE-E3BB  
  
Verzeichnis von C:\Users\maxim\HTL\Cpr\Software\firstRepo  
  
20.12.2021  21:20    <DIR>        .git  
             0 Datei(en),               0 Bytes  
             1 Verzeichnis(se), 332 640 223 232 Bytes frei  
  
C:\Users\maxim\HTL\Cpr\Software\firstRepo>
```

Status Prüfen

```
C:\Users\maxim\HTL\Cpr\Software\firstRepo>git status
On branch master

No commits yet

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

C:\Users\maxim\HTL\Cpr\Software\firstRepo>
```

Inhalt adden

```
C:\Users\maxim\HTL\Cpr\Software\firstRepo>copy con firstFile.txt
Text in first File
^Z

        1 Datei(en) kopiert.

C:\Users\maxim\HTL\Cpr\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\maxim\HTL\Cpr\Software\firstRepo>git add firstFile.txt

C:\Users\maxim\HTL\Cpr\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
```

Inhalt committen

```
C:\Users\maxim\HTL\Cpr\Software\firstRepo>git commit -m "added firstFile.txt"
[master (root-commit) 38d43b3] added firstFile.txt
 1 file changed, 1 insertion(+)
 create mode 100644 firstFile.txt

C:\Users\maxim\HTL\Cpr\Software\firstRepo>git status
On branch master
nothing to commit, working tree clean

C:\Users\maxim\HTL\Cpr\Software\firstRepo>
```

Inhalt verändern

```
C:\Users\maxim\HTL\Cpr\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\maxim\HTL\Cpr\Software\firstRepo>git add firstFile.txt

C:\Users\maxim\HTL\Cpr\Software\firstRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   firstFile.txt

C:\Users\maxim\HTL\Cpr\Software\firstRepo>git commit -m "changed text in firstFile.txt"
[master abdeb31] changed text in firstFile.txt
 1 file changed, 1 insertion(+), 1 deletion(-)

C:\Users\maxim\HTL\Cpr\Software\firstRepo>
```

Datei löschen

```
C:\Users\maxim\HTL\Cpr\Software\firstRepo>copy con delFile.txt
text
^Z

    1 Datei(en) kopiert.

C:\Users\maxim\HTL\Cpr\Software\firstRepo>copy con delFile2.txt
text2
^Z

    1 Datei(en) kopiert.

C:\Users\maxim\HTL\Cpr\Software\firstRepo>git add .

C:\Users\maxim\HTL\Cpr\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\maxim\HTL\Cpr\Software\firstRepo>git rm -f delFile.txt
rm 'delFile.txt'

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

C:\Users\maxim\HTL\Cpr\Software\firstRepo>git commit -m "added delFile2.txt"
[master 12b4cd7] added delFile2.txt
 1 file changed, 1 insertion(+)
 create mode 100644 delFile2.txt

C:\Users\maxim\HTL\Cpr\Software\firstRepo>git rm -f delFile2.txt
rm 'delFile2.txt'

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

C:\Users\maxim\HTL\Cpr\Software\firstRepo>git commit -m "comitted deleted file"
[master c7d31e4] comitted deleted file
 1 file changed, 1 deletion(-)
 delete mode 100644 delFile2.txt
```

Dateien löschen

```
C:\Users\maxim\HTL\Cpr\Software\firstRepo>copy con doNotTrack.txt
jojojojoju
^Z
    1 Datei(en) kopiert.

C:\Users\maxim\HTL\Cpr\Software\firstRepo>copy con doNotTrack2.txt
eoiJgüfpoiughuifdosp
^Z
    1 Datei(en) kopiert.

C:\Users\maxim\HTL\Cpr\Software\firstRepo>git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    doNotTrack.txt
    doNotTrack2.txt

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

C:\Users\maxim\HTL\Cpr\Software\firstRepo>git add .

C:\Users\maxim\HTL\Cpr\Software\firstRepo>git rm --cached doNotTrack.txt
rm 'doNotTrack.txt'

C:\Users\maxim\HTL\Cpr\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\maxim\HTL\Cpr\Software\firstRepo>git commit -m "doNotTrack2 committed"
[master 554e7c2] doNotTrack2 committed
 1 file changed, 1 insertion(+)
 create mode 100644 doNotTrack2.txt

C:\Users\maxim\HTL\Cpr\Software\firstRepo>git rm --cached doNotTrack2.txt
rm 'doNotTrack2.txt'

C:\Users\maxim\HTL\Cpr\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\maxim\HTL\Cpr\Software\firstRepo>git commit -m "committed Untracked"
[master 457eb0d] committed Untracked
 1 file changed, 1 deletion(-)
 delete mode 100644 doNotTrack2.txt

C:\Users\maxim\HTL\Cpr\Software\firstRepo>_
```

Dateien Umbenennen

```
C:\Users\maxim\HTL\Cpr\Software\firstRepo>git add doNotTrack.txt

C:\Users\maxim\HTL\Cpr\Software\firstRepo>git commit -m "commit doNotTrack.txt"
[master 1679a78] commit doNotTrack.txt
 1 file changed, 1 insertion(+)
 create mode 100644 doNotTrack.txt

C:\Users\maxim\HTL\Cpr\Software\firstRepo>git mv doNotTrack.txt doTrack.txt

C:\Users\maxim\HTL\Cpr\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\maxim\HTL\Cpr\Software\firstRepo>git commit -m "renamed file commit"
[master 2d0bef6] renamed file commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 rename doNotTrack.txt => doTrack.txt (100%)

C:\Users\maxim\HTL\Cpr\Software\firstRepo>
```

Änderung einer Datei restoren

```
C:\Users\maxim\HTL\Cpr\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\maxim\HTL\Cpr\Software\firstRepo>git restore firstFile.txt

C:\Users\maxim\HTL\Cpr\Software\firstRepo>git status
On branch master
nothing to commit, working tree clean

C:\Users\maxim\HTL\Cpr\Software\firstRepo>
```