

Lokales Repo erzeugen

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19042.1415]
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C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software>mkdir firstRepo

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software>cd firstRepo

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo>git init firstRepo
Initialized empty Git repository in C:/Users/jakob/OneDrive/Desktop/2. Klasse (HTL Leonding)/CPR/software/firstRepo/firstRepo/.git/

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo>cd firstRepo

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>dir
Volume in Laufwerk C: hat keine Bezeichnung.
Volumeserienummer: 7604-CFA0

Verzeichnis von C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo

21.12.2021  08:28    <DIR>          .
21.12.2021  08:28    <DIR>          ..
               0 Datei(en),               0 Bytes
               2 Verzeichnis(se), 133 662 138 368 Bytes frei

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>dir /adh
Volume in Laufwerk C: hat keine Bezeichnung.
Volumeserienummer: 7604-CFA0

Verzeichnis von C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo

21.12.2021  08:28    <DIR>          .git
               0 Datei(en),               0 Bytes
               1 Verzeichnis(se), 133 661 446 144 Bytes frei

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>
```

Status Überprüfen

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

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>git status
On branch master

No commits yet

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

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>
```

Inhalt adden

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

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\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\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>git add firstFile.txt

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\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\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>
```

Inhalt committen

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

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>git commit -m "First file added"
[master (root-commit) 2c94bdb] First file added
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 firstFile.txt

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>git status
On branch master
nothing to commit, working tree clean

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>
```

Inhalt verändern

```
C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\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\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>git add firstFile.txt

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>git status
On branch master

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified:   firstFile.txt

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>
```

Dateien löschen

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

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>git add delFile.txt

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>git add delFile2.txt

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>git rm delFile.txt
error: the following file has changes staged in the index:
    delFile.txt
(use --cached to keep the file, or -f to force removal)

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>git rm -f delFile.txt
rm 'delFile.txt'

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   delFile2.txt
        modified:   firstFile.txt

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>git commit -m "first file deleted"
[master 7d7ac1a] first file deleted
 2 files changed, 1 insertion(+)
 create mode 100644 delFile2.txt

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>git rm -f delFile2.txt
rm 'delFile2.txt'

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        deleted:    delFile2.txt

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

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>git commit -m "second file deleted"
[master 0f2daf9] second file deleted
 1 file changed, 0 insertions(+), 0 deletions(-)
 delete mode 100644 delFile2.txt

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        cprsw_gruppeC_Jakob_Schlager.pdf

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

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>
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Dateien löschen 2

```
C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\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\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>git add doNotTrack.txt

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>git add doNotTrack2.txt

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>git rm --cached doNotTrack.txt
rm 'doNotTrack.txt'

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\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\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>git commit -m "doNotTrack2"
[master 8046172] doNotTrack2
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 doNotTrack2.txt

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>git rm --cached doNotTrack2.txt
rm 'doNotTrack2.txt'

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\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\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>git commit -m "Untracken"
[master 23d98ca] Untracken
1 file changed, 0 insertions(+), 0 deletions(-)
delete mode 100644 doNotTrack2.txt

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>
```

Dateien umbenennen

```
C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>git add doNotTrack.txt

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>git commit -m "doNotTrack.txt"
[master 9d66e35] doNotTrack.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 doNotTrack.txt

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>git mv doNotTrack.txt doTrack.tx

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    renamed:    doNotTrack.txt -> doTrack.tx

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

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>git commit -m "renamed files"
[master 1ca9d0f] renamed files
1 file changed, 0 insertions(+), 0 deletions(-)
rename doNotTrack.txt => doTrack.tx (100%)

C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>
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Datei restoren

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C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\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\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>git restore firstFile.txt
C:\Users\jakob\OneDrive\Desktop\2. Klasse (HTL Leonding)\CPR\software\firstRepo\firstRepo>git status
On branch master
nothing to commit, working tree clean
```