Inhalt

Kommandozeileninterpreter

```
C:\>dir
 Datenträger in Laufwerk C: ist Windows
 Volumeseriennummer: 44C9-B1B4

 Verzeichnis von C:\

06.05.2021  08:56    <DIR>          adb
19.05.2020  11:19    <DIR>          ESD
25.11.2021  12:45    <DIR>          GOG Games
10.12.2021  10:16    <DIR>          Intel
19.05.2020  13:19    <DIR>          PerfLogs
21.12.2021  08:11    <DIR>          Program Files
05.12.2021  15:14    <DIR>          Program Files (x86)
19.03.2020  19:08    <DIR>          Riot Games
11.05.2020  17:51    <DIR>          SWSetup
02.03.2021  22:05    <DIR>          tmp
06.10.2021  13:39    <DIR>          Users
01.04.2021  12:45    <DIR>          WCH.CN
15.09.2021  10:45    <DIR>          Windows
08.06.2020  16:24    <DIR>          Windows.old
               0 Datei(en),              0 Bytes
              14 Verzeichnis(se), 600.118.190.080 Bytes frei

C:\>cd Users

C:\Users>cd micha

C:\Users\micha>cd Desktop

C:\Users\micha\Desktop>
```

Lokales Repo erzeugen

```
C:\Users\micha\OneDrive\Desktop\Schule\21_22\Software\firstRepo>dir /adh
 Datenträger in Laufwerk C: ist Windows
 Volumeseriennummer: 44C9-B1B4

 Verzeichnis von C:\Users\micha\OneDrive\Desktop\Schule\21_22\Software\firstRepo

21.12.2021  08:19    <DIR>          .git
               0 Datei(en),              0 Bytes
               1 Verzeichnis(se), 599.262.932.992 Bytes frei

C:\Users\micha\OneDrive\Desktop\Schule\21_22\Software\firstRepo>
```

Status Prüfen

```
C:\Users\micha\OneDrive\Desktop\Schule\21_22\Software\firstRepo>git status
On branch master

No commits yet

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

Inhalt Adden

```
C:\Users\micha\OneDrive\Desktop\Schule\21_22\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\micha\OneDrive\Desktop\Schule\21_22\Software\firstRepo>git add .

C:\Users\micha\OneDrive\Desktop\Schule\21_22\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\micha\OneDrive\Desktop\Schule\21_22\Software\firstRepo>
```

Inhalt Commiten

```
C:\Users\micha\OneDrive\Desktop\Schule\21_22\Software\firstRepo>git commit -m "First File added"
[master (root-commit) 74d2d90] First File added
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 firstFile.txt

C:\Users\micha\OneDrive\Desktop\Schule\21_22\Software\firstRepo>git status
On branch master
nothing to commit, working tree clean

C:\Users\micha\OneDrive\Desktop\Schule\21_22\Software\firstRepo>
```

Inhalt verändern

```
C:\Users\micha\OneDrive\Desktop\Schule\21_22\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\micha\OneDrive\Desktop\Schule\21_22\Software\firstRepo>git add .

C:\Users\micha\OneDrive\Desktop\Schule\21_22\Software\firstRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   firstFile.txt


C:\Users\micha\OneDrive\Desktop\Schule\21_22\Software\firstRepo>git commit -m "changes"
[master 13053f3] changes
 1 file changed, 2 insertions(+)

C:\Users\micha\OneDrive\Desktop\Schule\21_22\Software\firstRepo>
```

Dateien Löschen

```
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   delFile2.txt


C:\Users\micha\OneDrive\Desktop\Schule\21_22\Software\firstRepo>git commit -m "dateien löschen"
[master 5a1aa4d] dateien löschen
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 delFile2.txt

C:\Users\micha\OneDrive\Desktop\Schule\21_22\Software\firstRepo>git rm -f delFile.txt
fatal: pathspec 'delFile.txt' did not match any files

C:\Users\micha\OneDrive\Desktop\Schule\21_22\Software\firstRepo>git rm -f delFile2.txt
rm 'delFile2.txt'

C:\Users\micha\OneDrive\Desktop\Schule\21_22\Software\firstRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        deleted:    delFile2.txt


C:\Users\micha\OneDrive\Desktop\Schule\21_22\Software\firstRepo>git commit -m "deleted"
[master 18e76fd] deleted
 1 file changed, 0 insertions(+), 0 deletions(-)
 delete mode 100644 delFile2.txt
C:\Users\micha\OneDrive\Desktop\Schule\21_22\Software\firstRepo>
```

```
        doNotTrack.txt
        doNotTrack2.txt

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

C:\Users\micha\OneDrive\Desktop\Schule\21_22\Software\firstRepo>git add .

C:\Users\micha\OneDrive\Desktop\Schule\21_22\Software\firstRepo>git rm --cached doNotTrack.txt
rm 'doNotTrack.txt'

C:\Users\micha\OneDrive\Desktop\Schule\21_22\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\micha\OneDrive\Desktop\Schule\21_22\Software\firstRepo>git commit -m "Not Tracked"
[master 437ead4] Not Tracked
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 doNotTrack2.txt

C:\Users\micha\OneDrive\Desktop\Schule\21_22\Software\firstRepo>git rm --cached doNotTrack2.txt
rm 'doNotTrack2.txt'

C:\Users\micha\OneDrive\Desktop\Schule\21_22\Software\firstRepo>git commit -m "commit untracked"
```

Dateien Umbenennen

```
C:\Users\micha\OneDrive\Desktop\Schule\21_22\Software\firstRepo>git add doTrack.txt

C:\Users\micha\OneDrive\Desktop\Schule\21_22\Software\firstRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   doTrack.txt

Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        deleted:    doNotTrack.txt

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


C:\Users\micha\OneDrive\Desktop\Schule\21_22\Software\firstRepo>git commit -m "renamed files"
[master 2dcfde1] renamed files
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 doTrack.txt
```

Änderung einer Dateo restoren

```
modified:   firstFile.txt
```

```
1    Test
2    fdmd
```

Restored