

CRP Protokol

Kommandozeileninterpreter

C:\Windows\System32\cmd.exe

Geben Sie "CD Laufwerk:" ein, um das aktuelle Verzeichnis auf dem angegebenen Laufwerk anzuzeigen. Mit CD ohne Parameter wird das aktuelle Laufwerk und Verzeichnis angezeigt.

Verwenden Sie die /D-Option, um zusätzlich zum Wechseln des Verzeichnisses auch das aktuelle Laufwerk zu wechseln.

Wenn die Befehlsweiterungen aktiviert sind, wird CHDIR folgendermaßen verändert:

Der angegebene Verzeichnisname wird so konvertiert, dass dieser bezüglich Groß- und Kleinschreibung dem Namen auf dem Laufwerk entspricht. So wird durch CD C:\TEMP der aktuelle Pfad auf das Verzeichnis C:\Temp festgelegt, wenn ein Verzeichnis mit diesem Namen auf dem Laufwerk existiert.

Der CHDIR-Befehl behandelt Leerzeichen nicht als Trennzeichen, sodass es möglich ist, in ein Unterverzeichnis zu wechseln, dessen Name Leerzeichen enthält, ohne den Namen in Anführungszeichen einzuschließen. Beispiel:

```
cd \WINNT\Profile\Benutzername\Programme\Startmenü
```

Ist dasselbe wie:

```
cd "\WINNT\Profile\Benutzername\Programme\Startmenü"
```

Wenn die Befehlsweiterungen deaktiviert sind, müssen die Anführungszeichen angegeben werden.

C:\Users\sophi\Software\CPR_SW\CPRSW_StudentsShare>help Löscht den Bildschirm Inhalt. Zeigt Hilfeinformationen zu Windows-Befehlen an.

HELP [Befehl]

Befehl - Zeigt Hilfeinformationen zu diesem Befehl an.

C:\Users\sophi\Software\CPR_SW\CPRSW_StudentsShare>cd..

C:\Users\sophi\Software\CPR_SW>cd..

C:\Users\sophi\Software>cd..

C:\Users\sophi>cd..

C:\Users>cd..

C:\>cd..

C:\>cd..

C:\>dir
Datenträger in Laufwerk C: ist Windows

C:\Windows\System32\cmd.exe

C:\>cd..

C:\>dir

Datenträger in Laufwerk C: ist Windows
Volumeseriennummer: CA30-F973

Verzeichnis von C:\

12.10.2020	18:44	<DIR>	ESD
06.05.2021	15:05	<DIR>	Gaomon Tablet
07.12.2019	10:14	<DIR>	PerfLogs
16.11.2021	08:24	<DIR>	Program Files
04.10.2021	12:10	<DIR>	Program Files (x86)
14.08.2020	16:35	<DIR>	Users
15.11.2021	19:02	<DIR>	Windows
12.10.2020	18:15	<DIR>	Windows10Upgrade
		0 Datei(en),	0 Bytes
		8 Verzeichnis(se),	203 816 960 Bytes frei

C:\>cd sophi

Das System kann den angegebenen Pfad nicht finden.

C:\>cd User

Das System kann den angegebenen Pfad nicht finden.

C:\>cd Usres

Das System kann den angegebenen Pfad nicht finden.

C:\>cd Users

C:\Users>cd sophi

C:\Users\sophi>cd Software

C:\Users\sophi\Software>cd CPR_SW

C:\Users\sophi\Software\CPR_SW>cd CPRSW_StudentsShare

C:\Users\sophi\Software\CPR_SW\CPRSW_StudentsShare>cd\

C:\>cd Users

C:\Users>cd sophi

C:\Users\sophi>cd Software

C:\Users\sophi\Software>cd CPR_SW

C:\Users\sophi\Software\CPR_SW>cd CPRSW_StudentsShare

C:\Users\sophi\Software\CPR_SW\CPRSW_StudentsShare>_

Lokales Repo erzeugen

```
C:\Windows\System32\cmd.exe
C:\>>cd User
Das System kann den angegebenen Pfad nicht finden.

C:\>>cd Usres
Das System kann den angegebenen Pfad nicht finden.

C:\>>cd Users

C:\Users>cd sophi

C:\Users\sophi>cd Software

C:\Users\sophi\Software>cd CPR_SW

C:\Users\sophi\Software\CPR_SW>cd CPRSW_StudentsShare

C:\Users\sophi\Software\CPR_SW\CPRSW_StudentsShare>cd\

C:\>>cd Users

C:\Users>cd sophi

C:\Users\sophi>cd Software

C:\Users\sophi\Software>cd CPR_SW

C:\Users\sophi\Software\CPR_SW>cd CPRSW_StudentsShare

C:\Users\sophi\Software\CPR_SW\CPRSW_StudentsShare>cd..

C:\Users\sophi\Software\CPR_SW>mkdir secondRepo

C:\Users\sophi\Software\CPR_SW>git init
Initialized empty Git repository in C:/Users/sophi/Software/CPR_SW/.git/

C:\Users\sophi\Software\CPR_SW>dir /adh
Datenträger in Laufwerk C: ist Windows
Volumeseriennummer: CA30-F973

Verzeichnis von C:\Users\sophi\Software\CPR_SW

23.11.2021  09:25    <DIR>          .git
              0 Datei(en),              0 Bytes
              1 Verzeichnis(se),    199 831 552 Bytes frei

C:\Users\sophi\Software\CPR_SW>
```

Status prüfen

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

C:\Users\sophi\Software\CPR_SW\secondRepo>git init
Initialized empty Git repository in C:/Users/sophi/Software/CPR_SW/secondRepo/.git/

C:\Users\sophi\Software\CPR_SW\secondRepo>dir /adh
Datenträger in Laufwerk C: ist Windows
Volumeseriennummer: CA30-F973

Verzeichnis von C:\Users\sophi\Software\CPR_SW\secondRepo

23.11.2021  09:27    <DIR>          .git
              0 Datei(en),              0 Bytes
              1 Verzeichnis(se),    182 251 520 Bytes frei

C:\Users\sophi\Software\CPR_SW\secondRepo>git status
On branch master

No commits yet

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

C:\Users\sophi\Software\CPR_SW\secondRepo>copy con secondFile.txt
1+1+1+1+1+1
```

Inhalt adden

```
C:\Windows\System32\cmd.exe
^Z
1 Datei(en) kopiert.

C:\Users\sophi\Software\CPR_SW\secondRepo>git status
On branch master

No commits yet

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

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

C:\Users\sophi\Software\CPR_SW\secondRepo>git add secondFile.txt

C:\Users\sophi\Software\CPR_SW\secondRepo>git status
On branch master

No commits yet

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

C:\Users\sophi\Software\CPR_SW\secondRepo>git commit -m "second File addet"
[master (root-commit) 87517f3] second File addet
 1 file changed, 3 insertions(+)
 create mode 100644 secondFile.txt

C:\Users\sophi\Software\CPR_SW\secondRepo>git status
On branch master
nothing to commit, working tree clean

C:\Users\sophi\Software\CPR_SW\secondRepo>
```

Inhalt commiten

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

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

C:\Users\sophi\Software\CPR_SW\secondRepo>git commit -m "second File addet"
[master (root-commit) 87517f3] second File addet
 1 file changed, 3 insertions(+)
 create mode 100644 secondFile.txt

C:\Users\sophi\Software\CPR_SW\secondRepo>git status
On branch master
nothing to commit, working tree clean

C:\Users\sophi\Software\CPR_SW\secondRepo>git status
```

Inhalt verändern

```
C:\Windows\System32\cmd.exe
Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   secondFile.txt

C:\Users\sophi\Software\CPR_SW\secondRepo>git commit -m "second File addet"
[master (root-commit) 87517f3] second File addet
 1 file changed, 3 insertions(+)
 create mode 100644 secondFile.txt

C:\Users\sophi\Software\CPR_SW\secondRepo>git status
On branch master
nothing to commit, working tree clean

C:\Users\sophi\Software\CPR_SW\secondRepo>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:   secondFile.txt

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

C:\Users\sophi\Software\CPR_SW\secondRepo>git add secondFile.txt

C:\Users\sophi\Software\CPR_SW\secondRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified:   secondFile.txt

C:\Users\sophi\Software\CPR_SW\secondRepo>git commit -m "second File addet and changed"
[master ae5a966] second File addet and changed
 1 file changed, 2 insertions(+)

C:\Users\sophi\Software\CPR_SW\secondRepo>git status
On branch master
nothing to commit, working tree clean

C:\Users\sophi\Software\CPR_SW\secondRepo>
```

Dateien löschen

```
C:\Windows\System32\cmd.exe
nothing added to commit but untracked files present (use "git add" to track)

C:\Users\sophi\Software\CPR_SW\secondRepo>git add .

C:\Users\sophi\Software\CPR_SW\secondRepo>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\sophi\Software\CPR_SW\secondRepo>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\sophi\Software\CPR_SW\secondRepo>git rm -f delFile.txt
rm 'delFile.txt'

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

C:\Users\sophi\Software\CPR_SW\secondRepo>git commit -m "only add File"
[master 93e6df1] only add File
 1 file changed, 4 insertions(+)
 create mode 100644 delFile2.txt

C:\Users\sophi\Software\CPR_SW\secondRepo>git rm -f delFile2.txt
rm 'delFile2.txt'

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

C:\Users\sophi\Software\CPR_SW\secondRepo>git commit -m "deleted File"
[master c4b13e3] deleted File
 1 file changed, 4 deletions(-)
 delete mode 100644 delFile2.txt

C:\Users\sophi\Software\CPR_SW\secondRepo>git status
On branch master
nothing to commit, working tree clean

C:\Users\sophi\Software\CPR_SW\secondRepo>
```

Dateien löschen

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

C:\Users\sophi\Software\CPR_SW\secondRepo>git clone con donotTrack.txt
fatal: repository 'con' does not exist

C:\Users\sophi\Software\CPR_SW\secondRepo>copy con doNotTrack.txt
not trackkkkkkkk1111111
^Z
    1 Datei(en) kopiert.

C:\Users\sophi\Software\CPR_SW\secondRepo>copy con doNotTrack2.txt
do notttt trackk 22222222
^Z
    1 Datei(en) kopiert.

C:\Users\sophi\Software\CPR_SW\secondRepo>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\sophi\Software\CPR_SW\secondRepo>git add.
git: 'add.' is not a git command. See 'git --help'.

The most similar command is
    add

C:\Users\sophi\Software\CPR_SW\secondRepo>git add .

C:\Users\sophi\Software\CPR_SW\secondRepo>git rm --cached doNotTrack.txt
rm 'doNotTrack.txt'

C:\Users\sophi\Software\CPR_SW\secondRepo>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\sophi\Software\CPR_SW\secondRepo>git commit -m "committing only 2"
[master 225e5e9] committing only 2
 1 file changed, 1 insertion(+)
 create mode 100644 doNotTrack2.txt

C:\Users\sophi\Software\CPR_SW\secondRepo>git status
On branch master
```



Zur Suche Text hier eingeben



C:\Windows\System32\cmd.exe

```
C:\Users\sophi\Software\CPR_SW\secondRepo>git rm --cached doNotTrack.txt
rm 'doNotTrack.txt'
```

```
C:\Users\sophi\Software\CPR_SW\secondRepo>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\sophi\Software\CPR_SW\secondRepo>git commit -m "committing only 2"
```

```
[master 225e5e9] committing only 2
```

```
1 file changed, 1 insertion(+)
```

```
create mode 100644 doNotTrack2.txt
```

```
C:\Users\sophi\Software\CPR_SW\secondRepo>git status
```

```
On branch master
```

Untracked files:

(use "git add <file>..." to include in what will be committed)

doNotTrack.txt

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

```
C:\Users\sophi\Software\CPR_SW\secondRepo>git rm --cached doNotTrack2.txt
```

```
rm 'doNotTrack2.txt'
```

```
C:\Users\sophi\Software\CPR_SW\secondRepo>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\sophi\Software\CPR_SW\secondRepo>git commit -m "untrackig"
```

```
[master 8d11f5a] untrackig
```

```
1 file changed, 1 deletion(-)
```

```
delete mode 100644 doNotTrack2.txt
```

```
C:\Users\sophi\Software\CPR_SW\secondRepo>
```



Zur Suche Text hier eingeben



Datei umbenennen

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19043.1348]
(c) Microsoft Corporation. Alle Rechte vorbehalten.

C:\Users\sophi\Software\CPR_SW\secondRepo>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\sophi\Software\CPR_SW\secondRepo>git add .

C:\Users\sophi\Software\CPR_SW\secondRepo>git commit -m "committing doNotTrack"
[master 37098f9] committing doNotTrack
 2 files changed, 2 insertions(+)
 create mode 100644 doNotTrack.txt
 create mode 100644 doNotTrack2.txt

C:\Users\sophi\Software\CPR_SW\secondRepo>git mv doNotTrack.txt doTrack.txt
git: 'mv' is not a git command. See 'git --help'.

The most similar command is
    mv

C:\Users\sophi\Software\CPR_SW\secondRepo>git mv doNotTrack.txt doTrack.txt

C:\Users\sophi\Software\CPR_SW\secondRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    renamed:    doNotTrack.txt -> doTrack.txt

C:\Users\sophi\Software\CPR_SW\secondRepo>git commit -m "renamed to doTrack"
[master 92e515f] renamed to doTrack
 1 file changed, 0 insertions(+), 0 deletions(-)
 rename doNotTrack.txt => doTrack.txt (100%)

C:\Users\sophi\Software\CPR_SW\secondRepo>
```


Änderungen einer Datei restoren

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

C:\Users\sophi\Software\CPR_SW\secondRepo>git status
On branch master
nothing to commit, working tree clean

C:\Users\sophi\Software\CPR_SW\secondRepo>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:   secondFile.txt

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

C:\Users\sophi\Software\CPR_SW\secondRepo>git restore secondFile.txt

C:\Users\sophi\Software\CPR_SW\secondRepo>git status
On branch master
nothing to commit, working tree clean
```

Bestehendes GitHub Repo clonen

```
C:\Users\sophi\Software\CPR_SW\secondRepo>git clone https://github.com/MartinaReisHTL/CPRSW_StudentsShare.git
Cloning into 'CPRSW_StudentsShare'...
remote: Enumerating objects: 95, done.
remote: Counting objects: 100% (95/95), done.
remote: Compressing objects: 100% (69/69), done.
remote: Total 95 (delta 33), reused 62 (delta 18), pack-reused 0
Receiving objects: 100% (95/95), 6.62 MiB | 565.00 KiB/s, done.
Resolving deltas: 100% (33/33), done.

C:\Users\sophi\Software\CPR_SW\secondRepo>git dir
git: 'dir' is not a git command. See 'git --help'.

The most similar command is
    diff

C:\Users\sophi\Software\CPR_SW\secondRepo>cd CPRSW_StudentsShare

C:\Users\sophi\Software\CPR_SW\secondRepo\CPRSW_StudentsShare>dir /adh
Datenträger in Laufwerk C: ist Windows
Volumeseriennummer: CA30-F973

Verzeichnis von C:\Users\sophi\Software\CPR_SW\secondRepo\CPRSW_StudentsShare

14.12.2021  08:17    <DIR>          .git
             0 Datei(en),               0 Bytes
             1 Verzeichnis(se),  3 094 933 504 Bytes frei

C:\Users\sophi\Software\CPR_SW\secondRepo\CPRSW_StudentsShare>
```