

```
C:\Users\    \Documents\GitHub\vws_2021>git init ←
Reinitialized existing Git repository in C:/Users/    /Documents/GitHub/vws_2021/.git/

C:\Users\    \Documents\GitHub\vws_2021>git init mydir ←
Initialized empty Git repository in C:/Users/    /Documents/GitHub/vws_2021/mydir/.git/

C:\Users\    \Documents\GitHub\vws_2021>git help add ←

C:\Users\    \Documents\GitHub\vws_2021>git clone https://github.com/edlich/education.git ←
Cloning into 'education'...
remote: Enumerating objects: 7, done.
remote: Counting objects: 100% (7/7), done.
remote: Compressing objects: 100% (7/7), done.
Receiving objects: 97% (1779/1833)remote: Total 1833 (delta 1), reused 0 (delta 0), pack-reused 1826      2.30 M
Receiving obj
Receiving objects: 100% (1833/1833), 5.25 MiB | 2.42 MiB/s, done.
Resolving deltas: 100% (812/812), done.

C:\Users\    \Documents\GitHub\vws_2021>git status ←
On branch main
Your branch is up to date with 'origin/main'.

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

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

C:\Users\    \Documents\GitHub\vws_2021>git add README.md ←

C:\Users\    \Documents\GitHub\vws_2021>git diff ←
```

```
C:\Users\    \Documents\GitHub\vws_2021>git branch update-readme ←
```

```
C:\Users\    \Documents\GitHub\vws_2021>git checkout update-readme ←
Switched to branch 'update-readme'
```

```
C:\Users\    \Documents\GitHub\vws_2021>git add README.md ←

C:\Users\    \Documents\GitHub\vws_2021>git commit -m "added todo" ←
On branch update-readme
Changes not staged for commit:
        modified:   README.md

Untracked files:
        education/
```

```
C:\Users\    \Documents\GitHub\vws_2021>git push -u origin update-readme ←
```

```
Username for 'https://github.com': GKohlmann
Password for 'https://GKohlmann@github.com':
Enumerating objects: 35, done.
Counting objects: 100% (35/35), done.
Delta compression using up to 8 threads
Compressing objects: 100% (28/28), done.
Writing objects: 100% (35/35), 5.88 KiB | 753.00 KiB/s, done.
Total 35 (delta 4), reused 18 (delta 1)
remote: Resolving deltas: 100% (4/4), done.
remote:
remote: Create a pull request for 'update-readme' on GitHub by visiting:
remote:   https://github.com/GKohlmann/vws_2021/pull/new/update-readme
remote:
To https://github.com/GKohlmann/vws_2021.git
 * [new branch]      update-readme -> update-readme
Branch 'update-readme' set up to track remote branch 'update-readme' from 'origin'.
```

File Edit View Repository Branch Help

Current repository vws_2021 Current branch update-readme Fetch origin Last fetched just now

An updated version of GitHub Desktop is available and will be installed at the next launch. See [what's new](#) or [restart GitHub Desktop](#).

Changes (3)	History	README.md
3 changed files		@@ -6,4 +6,4 @@ VWS_ESA-DVCS
education		- push eigenes Project: CCD
mmydir		- pull Project: README geändert, dann pull;
README.md		Data.java in model-Package hinzugefügt (-> commit&push), PULL, Kommentar gelöscht (-> commit&push), PULL
		--
		+ Command Prompt: div. commands ausgeführt

```
C:\Users\ \Documents\GitHub\vws_2021>git pull
Already up to date.
```

```
C:\Users\ \Documents\GitHub\vws_2021>git push
Logon failed, use ctrl+c to cancel basic credential prompt.
Username for 'https://github.com': GKohlmann
Password for 'https://GKohlmann@github.com':
Everything up-to-date
```

```
C:\Users\ \Documents\GitHub\vws_2021>git remote -v
origin https://github.com/GKohlmann/vws_2021.git (fetch)
origin https://github.com/GKohlmann/vws_2021.git (push)
```

```
C:\Users\ \Documents\GitHub\vws_2021>git log
commit e426045dfad00924ee2f8e56161e952294eaf84b (HEAD -> update-readme, origin/update-readme)
Author: GKohlmann <49750549+GKohlmann@users.noreply.github.com>
Date: Wed Nov 25 15:26:44 2020 +0100

    Update README.md

    Pull hinzugefügt
commit ff33ac5252fde9956334a410b24c5dd334dcfae3
Author: GKohlmann <49750549+GKohlmann@users.noreply.github.com>
Date: Wed Nov 25 15:23:45 2020 +0100

    deleted comment
commit e983750f3a528ce77dea88aceb07cee0c5610f37
Author: GKohlmann <49750549+GKohlmann@users.noreply.github.com>
Date: Wed Nov 25 15:21:40 2020 +0100

    add Data.java in model-package
commit e0ddc0931815eea08f96de952ec758efc5ecc258
Author: GKohlmann <49750549+GKohlmann@users.noreply.github.com>
Date: Wed Nov 25 15:06:53 2020 +0100

    Update README.md
commit 57a532924af377a8fc41e35111686baf78763ce8
Author: GKohlmann <49750549+GKohlmann@users.noreply.github.com>
Date: Fri Nov 20 17:07:39 2020 +0100

    first commit
commit ac5fc36727539dd295b5ecd61fcf3184e766a706
Author: GKohlmann <49750549+GKohlmann@users.noreply.github.com>
Date: Fri Nov 20 16:51:02 2020 +0100

    Initial commit
```

```

C:\Users\ \Documents\GitHub\vws_2021>git add -p
diff --git a/README.md b/README.md
index 94e087d..c3760c4 100644
--- a/README.md
+++ b/README.md
@@ -6,4 +6,4 @@ WVS_ESA-DVCS
- push eigenes Project: CCD
- pull Project: README geändert, dann pull;
  Data.java in model-Package hinzugefügt (-> commit&push), PULL, Kommentar gelöscht (-> commit&push), PULL
--
+- Command Prompt: div. commands ausgeführt
(1/1) Stage this hunk [y,n,q,a,d,e,?]?
y - stage this hunk
n - do not stage this hunk
q - quit; do not stage this hunk or any of the remaining ones
a - stage this hunk and all later hunks in the file
d - do not stage this hunk or any of the later hunks in the file
e - manually edit the current hunk
? - print help
@@ -6,4 +6,4 @@ WVS_ESA-DVCS
- push eigenes Project: CCD
- pull Project: README geändert, dann pull;
  Data.java in model-Package hinzugefügt (-> commit&push), PULL, Kommentar gelöscht (-> commit&push), PULL
--
+- Command Prompt: div. commands ausgeführt
(1/1) Stage this hunk [y,n,q,a,d,e,?]? y

```

3 README.md	
	@@ -6,4 +6,5 @@ WVS_ESA-DVCS
6	- push eigenes Project: CCD
7	- pull Project: README geändert, dann pull;
8	Data.java in model-Package hinzugefügt (-> commit&push), PULL, Kommentar gelöscht (-> commit&push), PULL
9	- Command Prompt: div. (s. PDF)
9	+ Command Prompt: div. commands ausgeführt (s. PDF)
10	+

```

C:\Users\ \Documents\GitHub\vws_2021>git rm -f CopyREADME.md
rm 'CopyREADME.md'

```

```

C:\Users\ \Documents\GitHub\vws_2021>git log --pretty=oneline
8756ed177c6e0ef11d78c974443347bd6deb4809 (HEAD -> main, origin/main, origin/HEAD) Merge pull request #1 from GKohlmann/u
pdate-readme
2511d0fd1991ab6851d0b48a0bcb847f6199bcaa Merge branch 'main' into update-readme
e3a6c905c324370a18bad5f4d6c39c19218e2288 (update-readme) Merge branch 'main' into update-readme
059ec5bf6bf037a7cde50e6ca47224e4bb7bdaad Update README.md
332884808eb5d8c1318f3fa1c338d280fcb669b1 Zeile neu
29455169204b1c893d0f12e8bbfc5950e69d2969 Update README.md
e426045dfad00924ee2f5e56161e952294eaf84b Update README.md
ff35acf252fde9956334a410b24c5dd334dcfae3 deleted comment
e983750f3a528ce77dea88aceb07cee0c5610f37 add Data.java in model-package
e0ddc0931815eea08f96de952ec758efc5ecc258 Update README.md
57a532924af377a8fc41e35111686baf78763ce8 first commit
ac5fc36727539dd295b5ecd61fcf3184e766a706 Initial commit

```

Ergebnis von *git help add*

file:///C:/Program Files/Git/mingw64/share/doc/git-doc/git-add.html

git-add(1) Manual Page

NAME

git-add - Add file contents to the index

SYNOPSIS

```
git add [--verbose | -v] [--dry-run | -n] [--force | -f] [--interactive | -i] [--patch | -p]
        [--edit | -e] [--[no-]all | --[no-]ignore-removal | [--update | -u]]
        [--intent-to-add | -N] [--refresh] [--ignore-errors] [--ignore-missing] [--renormalize]
        [--chmod=(+|-)x] [--] [<pathspec>...]
```

DESCRIPTION

This command updates the index using the current content found in the working tree, to prepare the content staged for the next commit. It typically adds the current content of existing paths as a whole, but with some options it can also be used to add content with only part of the changes made to the working tree files applied, or remove paths that do not exist in the working tree anymore.

GitHub Desktop

File Edit View Repository Branch Help

Current repository
vws_2021

Current branch
main

Fetch origin
Last fetched 8 minutes ago

An updated version of GitHub Desktop is available and will be installed at the next launch. See [what's new](#) or [restart GitHub Desktop](#).

Changes 2	History	eeeducation
<input checked="" type="checkbox"/> 2 changed files		
<input checked="" type="checkbox"/> eeeducation	<input type="checkbox"/>	
<input checked="" type="checkbox"/> mmydir	<input type="checkbox"/>	