

## GIT Kurzanleitung / Quick git

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### FAQ-Artikel-Ausdruck

<b>Kategorie:</b>	Rechenzentrum::Software	<b>Bewertungen:</b>	0
<b>Status:</b>	öffentlich (Alle)	<b>Ergebnis:</b>	0.00 %
<b>Sprache:</b>	de	<b>Letzte Aktualisierung:</b>	13:28:35 - 03.06.2020

#### Symptom (öffentlich)

#### Problem (öffentlich)

#### Lösung (öffentlich)

Quick git

Working with remote master / local repository

```
# get a copy of remote repository
git clone
```

```
# add all changes to index || git add <filename>
git add *
```

```
# add deleted files to index
git add -u
```

```
# delete file from index / repository, keep file on disk
git rm --cached <filename>
```

```
# remove file from index which added already
git reset <filename>
```

```
# remove all files from index which added already
git reset
```

```
# show changes made as diff
git diff --cached
```

```
# show changes made file names only
git diff --cached --name-only
```

```
# get remote changes, save your changes, add info for changes
git commit -m "changelog message"
```

```
# send changes to remote repository
git push origin master
```

```
# get single branch
git clone --single-branch --branch <branchname> <remote-repo>
```

Sync local repository with remote

```
# check if local and remote repository even, show changed files
git remote update && git status
```

```
# show commit names of changes from local to remote
git show-branch *master
```

```
# diff as text
git diff origin/master
```

```
# merge remote changes to local repository
git merge origin/master
```

<https://stackoverflow.com/questions/3258243/check-if-pull-needed-in-git>  
<https://stackoverflow.com/questions/2514270/how-to-check-for-changes-on-remote-origin-git-repository?noredirect=1&lq=1>

Create local repository send to remote  
- <https://help.github.com/en/articles/adding-an-existing-project-to-github-using-the-command-line>

```
# init repository
git init
```

```
# add new files to repository
git add .
```

```
# save your changes, add info for changes
git commit -m "first commit"
```

```
# add remote repository
git remote add origin https://github.com/loadenmb/pppFox.git
```

```
# check sync
git remote -v
```

```
# send local repository to remote
```

git push origin master

Config files

Commit empty folder & keep  
create .gitignore file in folder:  
# keep folder, but empty  
\*  
!.gitignore

Language detection / wrong language  
create .gitattributes file in root folder:  
# no auto language detection for files in folder  
foldername/\* linguist-vendored  
Linguist language detection doesn't work perfect if your own source code is  
smaller as used libs from other languages.  
- <https://github.com/github/linguist>

Sponsor me  
<https://help.github.com/en/articles/displaying-a-sponsor-button-in-your-repository>

Readme  
- <https://help.github.com/en/articles/basic-writing-and-formatting-syntax>

Headers  
# head 1  
## head 2  
### head 3

Links  
[motioneye: mature Python based...](<https://github.com/ccrisan/motioneye/>)

Lists  
- list 1  
- list 2

Code  
```shell  
if [ -x "\$TEST" ]; then  
```\n- <https://github.com/github/linguist/blob/master/lib/linguist/languages.yml>

Table  
| payload type | output type |  
|-----|-----|  
| powershell | powershell |  
| executable | powershell |  
| executable | executable |  
| powershell | executable |  
| powershell | batch |  
| executable | batch |

Bold & Italic  
\*\*This is bold text\*\*  
\*This text is italicized\*

Images  
![alt text](./relative/image.png "optional title")

Resized images  


Icons / Emojis  
- <https://gist.github.com/rxaviers/7360908>  
:gift: :see\_no\_evil: :lollipop: :space\_invader:

Related  
- <https://rogerdudler.github.io/git-guide/>