

git cheat sheet

created stoffl.info 2020 V1.1



1 CREATE & CLONE



create new repository
clone remote repository
clone local repository

git init
git clone
git clone

git clone username@host:/repository
git clone /path/to/repository

2 ADD & REMOVE



add changes to INDEX
add all changes to INDEX
remove/delete

git add <>
git add *
git rm <>

<> = <filename>

3 COMMIT & SYNC



commit changes

git commit -m
"Commit message"
git push origin master
git remote add origin
<server>
git pull

push changes to remote
connect local repository
to remote repository
update local repository with
remote changes
compare local and remote

git status

4 BRANCHES

create new branch
switch to master branch

delete branch
push branch to remote repository

git checkout -b *
git checkout master
git branch -d *
git push origin *

git checkout -b feature_1
* = branch name

5 MERGE

merge changes from another branch
view changes between two branches

git merge <branch>
git diff s* t*

*s = source branch
*t = target branch
git diff feature_1 feature_2

6 TAGGING

create tag
get commit IDs

git tag <tag> <ID>
git log

git tag 1.0.0 1b2c1d45ff

7 RESTORE & IGNORE

replace working copy with latest from HEAD
ignore files or directory

git checkout -- <filename>
.gitignore

ignore all log files:
cat .gitignore
*.log