

git cheat sheet

learn more about git the simple way at rogerdudler.github.com/git-guide/
cheat sheet created by Nina Jaeschke of ninagrafik.com

create & clone

create new repository	<code>git init</code>
clone local repository	<code>git clone /path/to/repository</code>
clone remote repository	<code>git clone username@host:/path/to/repository</code>

add & remove

add changes to INDEX	<code>git add <filename></code>
add all changes to INDEX	<code>git add *</code>
remove/delete	<code>git rm <filename></code>

commit & synchronize

commit changes	<code>git commit -m "Commit message"</code>
push changes to remote repository	<code>git push origin master</code>
connect local repository to remote repository	<code>git remote add origin <server></code>
update local repository with remote changes	<code>git pull</code>

branches

create new branch	<code>git checkout -b <branch></code> e.g. <code>git checkout -b feature_x</code>
switch to master branch	<code>git checkout master</code>
delete branch	<code>git branch -d <branch></code>
push branch to remote repository	<code>git push origin <branch></code>

merge

merge changes from another branch	<code>git merge <branch></code>
view changes between two branches	<code>git diff <source_branch> <target_branch></code> e.g. <code>git diff feature_x feature_y</code>

tagging

create tag	<code>git tag <tag> <commit ID></code> e.g. <code>git tag 1.0.0 1b2e1d63ff</code>
get commit IDs	<code>git log</code>

restore

replace working copy with latest from HEAD	<code>git checkout -- <filename></code>
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