

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

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| 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

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|---------------------------------|---------------------------------------|
| 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

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| 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

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| 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

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|--|---|
| 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

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| 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

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

Want a simple but powerful
git-client for your mac?

Try Tower: www.git-tower.com/

