Git Commands

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## Translated Versions

- [Versão em português](READMEpt.md)

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\_A list of my commonly used Git commands\_

\*If you are interested in my Git aliases, have a look at my `.bash\_profile`, found here: https://github.com/joshnh/bash\_profile/blob/master/.bash\_profile\*

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### Getting & Creating Projects

| Command | Description |

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

| `git init` | Initialize a local Git repository |

| `git clone ssh://git@github.com/[username]/[repository-name].git` | Create a local copy of a remote repository |

### Basic Snapshotting

| Command | Description |

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| `git status` | Check status |

| `git add [file-name.txt]` | Add a file to the staging area |

| `git add -A` | Add all new and changed files to the staging area |

| `git commit -m "[commit message]"` | Commit changes |

| `git rm -r [file-name.txt]` | Remove a file (or folder) |

### Branching & Merging

| Command | Description |

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

| `git branch` | List branches (the asterisk denotes the current branch) |

| `git branch -a` | List all branches (local and remote) |

| `git branch [branch name]` | Create a new branch |

| `git branch -d [branch name]` | Delete a branch |

| `git push origin --delete [branch name]` | Delete a remote branch |

| `git checkout -b [branch name]` | Create a new branch and switch to it |

| `git checkout -b [branch name] origin/[branch name]` | Clone a remote branch and switch to it |

| `git checkout [branch name]` | Switch to a branch |

| `git checkout -` | Switch to the branch last checked out |

| `git checkout -- [file-name.txt]` | Discard changes to a file |

| `git merge [branch name]` | Merge a branch into the active branch |

| `git merge [source branch] [target branch]` | Merge a branch into a target branch |

| `git stash` | Stash changes in a dirty working directory |

| `git stash clear` | Remove all stashed entries |

### Sharing & Updating Projects

| Command | Description |

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

| `git push origin [branch name]` | Push a branch to your remote repository |

| `git push -u origin [branch name]` | Push changes to remote repository (and remember the branch) |

| `git push` | Push changes to remote repository (remembered branch) |

| `git push origin --delete [branch name]` | Delete a remote branch |

| `git pull` | Update local repository to the newest commit |

| `git pull origin [branch name]` | Pull changes from remote repository |

| `git remote add origin ssh://git@github.com/[username]/[repository-name].git` | Add a remote repository |

| `git remote set-url origin ssh://git@github.com/[username]/[repository-name].git` | Set a repository's origin branch to SSH |

### Inspection & Comparison

| Command | Description |

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

| `git log` | View changes |

| `git log --summary` | View changes (detailed) |

| `git diff [source branch] [target branch]` | Preview changes before merging |