

Git Cheat Sheet

terminally-incoherent.com

Initializing a Repository:

```
git init
```

Cloning a Remote Repository:

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

Adding Remote Repository:

```
git remote add origin username@host:/path/to/repository
```

Commit:

```
git add <file>
git commit -m "Commit Message"
```

```
# Use * for all files
# Use -a to check in all changes
```

Push (upload changes to remote repository):

```
git push origin master
```

Pull (update from remote repository):

```
git pull origin master
```

Drop all local changes and commits:

```
git fetch origin
git reset --hard origin/master
```

```
git checkout -- <file> # drops only changes for <file>
```

Branching:

```
git checkout -b branchname # create new branch
git checkout master        # switch back to master
git branch -d branchname   # delete branch

git push origin branchname # push branch

git merge branchname        # merge branchname into current
```

Tagging:

```
git tag -a 1.1 -m "tag description" # regular tag
git tag 1.1                         # lightweight tag
git tag 1.1 9fceb02                 # tag specific commit

git push --tags                    # push tags

git tag -d 1.0                     # delete local tag
git push origin :refs/tags/1.0     # delete tag from remote
```

Color:	Meaning:
green	actual shell commands
red	git commands
purple	git command attributes
black	user input

