

Git Cheatsheet

Git -config

add user email

```
git config --global user.email "email"
```

add user name

```
git config --global user.name "name"
```

set command line colouring

```
git config --global color.ui auto
```

show config info

```
git config --list
```

Git -create repo

create new repo

```
git init
```

unstage or discard unstaged changes

```
git restore
```

create files to be ignored

```
touch .gitignore
```

create file

```
touch <fileName>
```

get help about git

```
git -help
```

Git -branches

create new branch

```
git branch <branchName>
```

create new branch & switch to it

```
git checkout -b <branchName>
```

merge 2 or more histories

```
git merge
```

push changes to remote

```
git push
```

pull changes onto local machine

```
git pull
```

Git -remote

manage set of tracked repos

```
git remote
```

add remote repo

```
git remote add origin <url>
```

clone repo

```
git clone
```

update references to remote repo

```
git fetch
```

update references to remote repo

```
git fetch
```

Git -add & remove files

add single file

```
git add <fileName>
```

add multiple files

```
git add .
```

remove file

```
git rm <fileName>
```

forcibly remove file

```
git rm -f <file>
```

untrack file

```
git rm --cached <fileName>
```

Git -commit

commit only tracked files

```
git commit -a
```

add commit msg

```
git commit -m "commitMsg"
```

see commit log

```
git log
```

show status of files

```
git status
```

open commit help guide

```
git commit -help
```

Git -reset

reset soft // go back one commit

```
git reset --soft <commitID>
```

reset mixed // default for reset

```
git reset --mixed <commitID>
```

reset hard // throws away uncommitted changes

```
git reset --hard <commitID>
```

reset current HEAD to the specified state

```
git reset
```

Git -checkout & revert

view particular commit

```
git checkout <commitID>
```

return to the master branch

```
git checkout master
```

go back to particular commit

```
git revert <commitID>
```

force revert

```
git revert --continue <commitID>
```