

# Everyday Commands

## Status

Shows the current status of tracked objects in a repo while sitting anywhere in that repo's directory tree).

```
git status
```

Everything unstaged diffed to the last commit

```
git diff
```

Everything staged diffed to the last commit

```
git diff --cached
```

Everything unstaged and staged diffed to the last commit

```
git diff HEAD
```

## Adding

```
git add <WILDCARD>  
git add <SPECIFICFILENAME>
```

Interactive

```
git add -i
```

Interactive patch mode

```
git add --patch  
git add -p
```

## Removing

Remove a file from being tracked

```
git rm FILENAME
```

## Renaming (Moving)

Rename a tracked file

```
git mv FILENAME NEWFILENAME
```

## Committing

Commit changes with a message provided interactively (\$GIT\_EDITOR or \$EDITOR)

```
git commit
```

Or preview what would have occurred

```
git commit --dry-run
```

Commit with a message provided on the CLI

```
git commit -m'Some message'
```

Commit and add any modified tracked files in one unified command

```
git commit -a
```

## Git Ignores

Stored in a file at any level of the tree.

```
.gitignore
```

Can apply recursively.

```
**/*.tmp
```

Glob pattern format

```
**/log*/*.log
```

Exclusions

```
!logstuffweneedtokeep
```

## Checkout to a different Branch

Switch to a given branch

```
git checkout BRANCHNAME
```

Switch to a detached (arbitrary, detached) HEAD

```
git checkout TREEISH
```