

# Git CLI (and aliases)

# Why CLI?

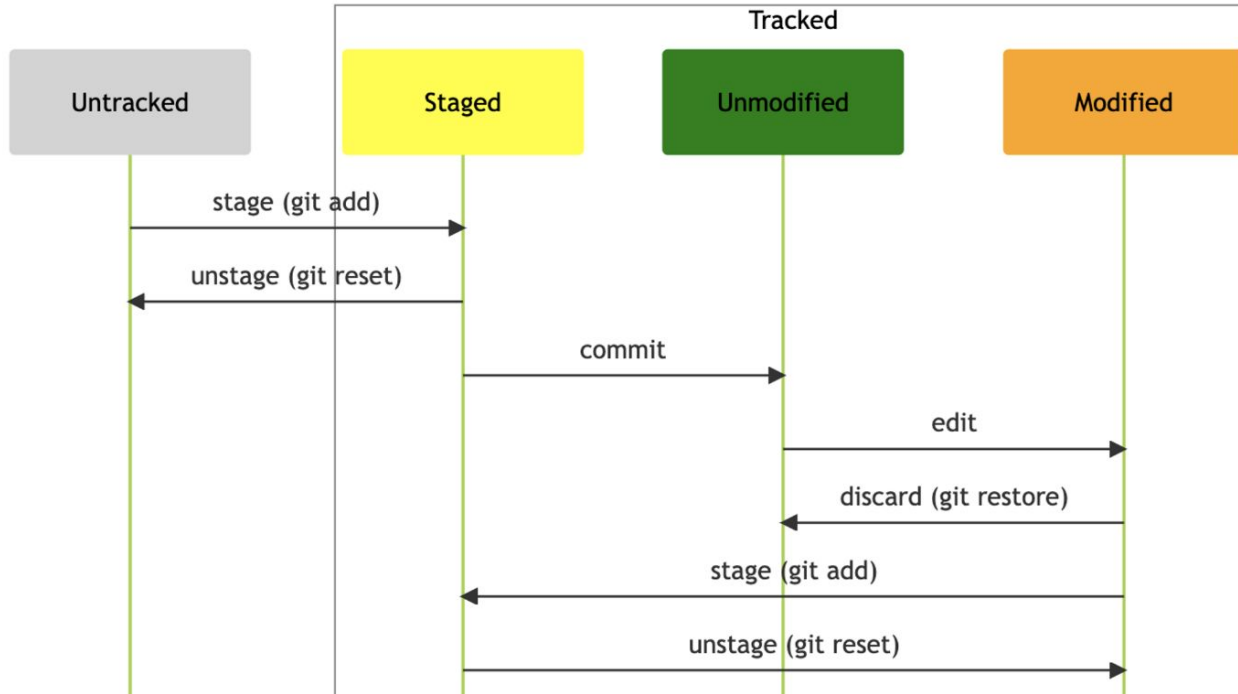
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**Keyboard > Mouse**



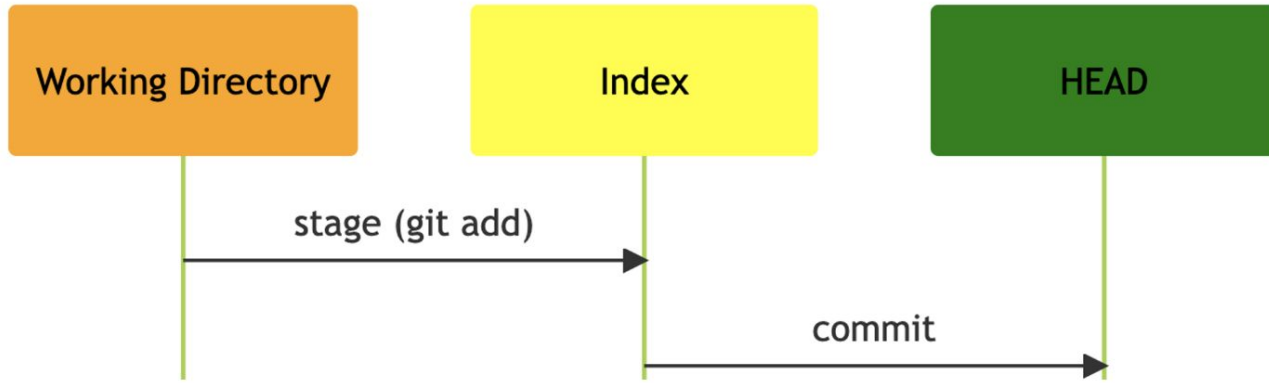
# Before we dive in - git file states

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# Before we dive in - git “areas”

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**g**

---

git

**g a**

---

git add

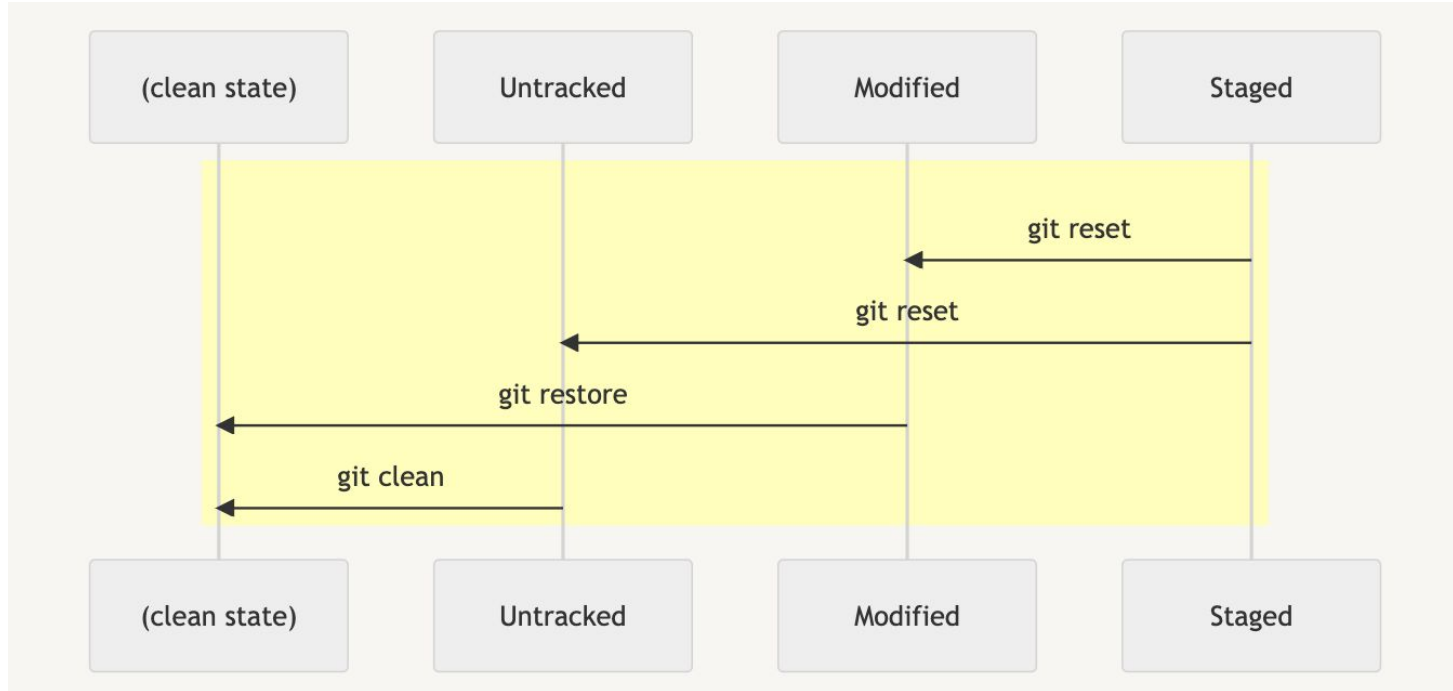
**g a -p**

---

git add --patch

# g reset, g restore, g clean, g cleanse

---





**g st**

---

git status

# g stash

---

```
git stash
```

```
git stash -u (--include-untracked)
```

```
git stash apply
```

# g c

---

```
git commit
```

```
git commit -m <message>
```

```
git commit -m <message> --edit
```

# g undo

---

git undo

(git reset HEAD^)

**g rv**

---

git revert

# g ac

---

```
git add --all \
```

```
&& git commit --amend --message <message> ...
```

**g ca**

---

```
git commit --amend --reuse-message=HEAD
```

**g rb [-i], g rbm, g rbc**

---

```
git rebase
```

```
git rebase --interactive
```

```
git rebase --interactive -i origin/${git default-branch}
```

```
git rebase --continue
```



# g rb --autosquash, g cf, g cfa, g cfrb, g cfarb

---

```
git rebase --autosquash
```

```
git config --global rebase.autosquash true
```

```
git commit --fixup <commit>
```


```
git commit --fixup amend:<commit>
```

```
git commit --fixup <commit> \
```

```
&& git rebase --autosquash <commit>~1
```

# gg lg

---

```
jacek > ~/s/jtom.me  git lg
* 89ee1fa - (HEAD -> master, origin/master, origin/HEAD) fix(offer): typo (fulfilling) (2 months ago) <Jacek Tomaszewski>
* 4addf50 - fix(talks): Fix talks video urls that are 404 now (2 months ago) <Jacek Tomaszewski>
* 0f7bfa6 - fix(projects): Remove project urls that are 404 now (2 months ago) <Jacek Tomaszewski>
* 97325b5 - wip: Setup docker to build jekyll (2 months ago) <Jacek Tomaszewski>
* c5f0c98 - Remove .node-version (2 months ago) <Jacek Tomaszewski>
* eb1d85f - Remove gulp-imagemin (2 months ago) <Jacek Tomaszewski>
```

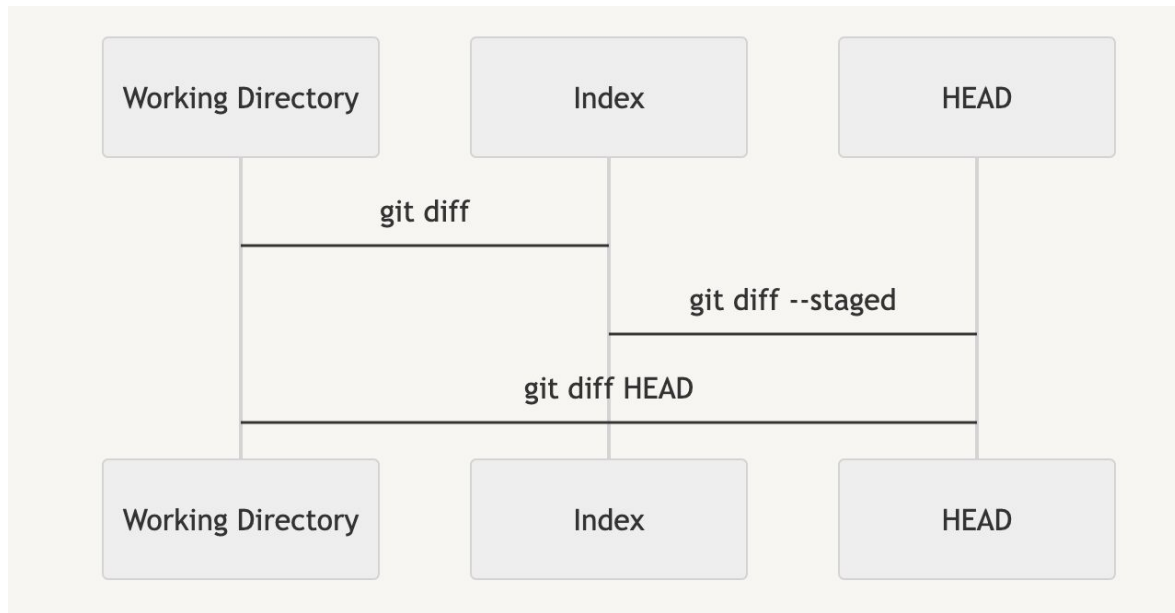
# g d, g ds, g da

---

`git diff`

`git diff --staged`

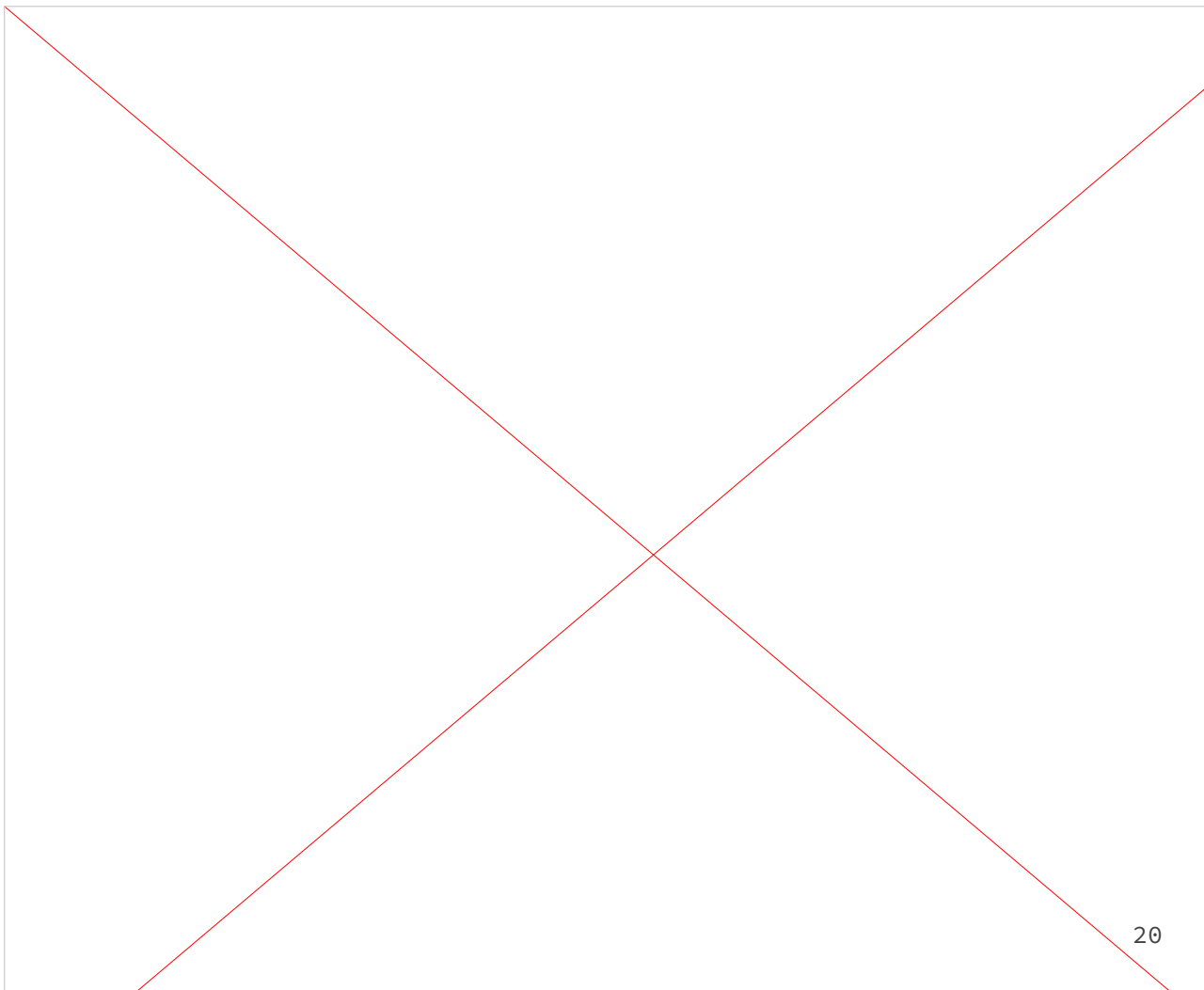
`git diff HEAD`



# tig

---

(brew install tig)



**g co**

---

git checkout

# g com

---

```
git checkout $(git default-branch) ...
```

**g co -p**

---

git checkout --patch

# g co -b, g b, g bls

---

```
git checkout --branch <branch>
```

```
git branch
```



**g cp, g cpc**

---

`git cherry-pick`

`git cherry-pick --continue`

## g up, g upm

---

```
git config --global pull.rebase true
```

```
git config --global rebase.autostash
```

```
git config --global merge.autostash
```

```
git pull
```

```
git pull origin $(git default-branch) ...
```

# g pu, g pufl

---

```
git config --global push.autoSetupRemote true
```

```
git push
```

```
git push --force-with-lease
```

# g atag, g ptag, g acptag

---

```
git tag <tag> -am <tag> ...
```

```
git config --global push.followTags true
```

```
git atag <tag> && git push origin refs/tags/<tag>
```

```
git ac <tag> && git atag <tag> && git push --follow-tags
```

# g aliases

— — —

# Thanks

Check out

[github.com/jtomaszewski/.dotfiles](https://github.com/jtomaszewski/.dotfiles)

for more tips & aliases source code