

Git branches cheatsheet

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Segment Send data to any tool without having to implement a new API every time.

ethical ad by CodeFund

Creating

```
git checkout -b $branchname
git push origin $branchname --set-upstream
```

Creates a new branch locally then pushes it.

Getting from remote

```
git fetch origin
git checkout --track origin/$branchname
```

Gets a branch in a remote.

Delete local remote-tracking branches

```
git remote prune origin
```

Deletes origin/* branches in your local copy. Doesn't affect the remote.

List existing branches

```
git branch --list
```

Existing branches are listed. Current branch will be highlighted with an asterisk.

List merged branches

```
git branch -a --merged
```

List outdated branches that have been merged into the current one.

Delete a local branch

```
git branch -d $branchname
```

Deletes the branch only if the changes have been pushed and merged with remote.

Delete branch forcefully

```
git branch -D $branchname
```

```
git branch -d $branchname
```

Note: You can also use the -D flag which is synonymous with `--delete --force` instead of `-d`. This will delete the branch regardless of its merge status. Delete a branch irrespective of its merged status.

Delete remote branch

```
git push origin --delete :$branchname
```

Works for tags, too!

Undo commits to a specific commit

```
git reset --hard $commit_id
```

Get current sha1

```
git show-ref HEAD -s
```

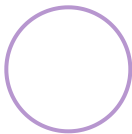
Reset branch and remove all changes

```
git reset --hard
```

```
# Now push to your branch
git push --force
```

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