

GitHub CLI Commands Reference

1. Clone a repository

```
git clone <repository_url>
```

2. Create a new repository

```
gh repo create <repository_name> --public|--private|--internal
```

3. List repositories

```
gh repo list <user|organization>
```

4. View repository details

```
gh repo view <repository_name>
```

5. Delete a repository

```
gh repo delete <repository_name>
```

6. List branches

```
git branch
```

7. Create a new branch

```
git checkout -b <branch_name>
```

8. Switch to a branch

```
git checkout <branch_name>
```

9. Delete a branch

```
git branch -d <branch_name>
```

10. Push a branch to the remote repository

```
git push origin <branch_name>
```

11. Stage changes

```
git add <file|directory>
```

12. Commit changes

`git commit -m "Commit message"`

13. View commit history

`git log`

14. Undo last commit (keep changes)

`git reset HEAD~1`

15. Undo last commit (discard changes)

`git reset --hard HEAD~1`

16. Push changes to the remote repository

`git push origin <branch_name>`

17. Pull changes from the remote repository

`git pull origin <branch_name>`

18. Fetch changes from the remote repository

`git fetch origin`

19. Merge a branch into the current branch

`git merge <branch_name>`

20. Resolve merge conflicts

(Manually edit conflicting files, then)

`git add <file_with_conflicts>`

`git commit -m "Resolved merge conflicts"`

21. Create a pull request

`gh pr create --base <base_branch> --head <branch_name> --title "PR title" --body "PR description"`

22. List pull requests

gh pr list

23. View a pull request

gh pr view <pr_number>

24. Merge a pull request

gh pr merge <pr_number>

25. View status of the repository

git status

26. Show differences between commits

git diff

27. Stash changes

git stash

28. Apply stashed changes

git stash apply

29. Configure user info for commits

git config --global user.name "Your Name"

git config --global user.email "you@example.com"

30. Show current branch

git branch --show-current