

BASIC GIT COMMANDS

Here are some basic Git commands that you can use to perform common tasks in a Git repository:

1. git init

Initialize a new Git repository in the current directory:

Example(in git bash):

```
git init
```

2. git clone

Clone a repository from a remote server to your local machine:

Example(in git bash):

```
git clone <repository_url>
```

3. git add

Add changes to the staging area in preparation for a commit:

Example(in git bash):

```
git add <file1> <file2> ...
```

Use . to add all changes in the current directory:

git add .

4. git commit

Commit changes with a message:

Example(in git bash):

git commit -m "Your commit message here"

5. git status

Check the status of your working directory, showing untracked, modified, and staged files:

Example(in git bash):

git status

6. git log

View commit history:

Example(in git bash):

git log

Press q to exit the log view.

7. git pull

Fetch changes from a remote repository and merge them into the current branch:

Example(in git bash):

```
git pull origin master
```

8. git push

Push changes to a remote repository:

Example(in git bash):

```
git push origin master
```

9. git branch

List all branches in the repository:

Example(in git bash):

```
git branch
```

Create a new branch:

```
git branch <branch_name>
```

10. git checkout

Switch to a different branch:

```
git checkout <branch_name>
```

Create and switch to a new branch:

Example(in git bash):

```
git checkout -b <new_branch_name>
```

11. git merge

Merge changes from one branch into the current branch:

Example(in git bash):

```
git merge <branch_name>
```

12. git remote

List remote repositories:

Example(in git bash):

```
git remote -v
```

13. git fetch

Fetch changes from a remote repository:

Example(in git bash):

```
git fetch origin
```

14. git reset

Unstage changes:

Example(in git bash):

```
git reset
```

These are just some of the basic Git commands. Git has a rich set of commands and features to handle version control and collaborative development efficiently. Refer to the official Git documentation for more in-depth information and usage examples.