

Git/Github

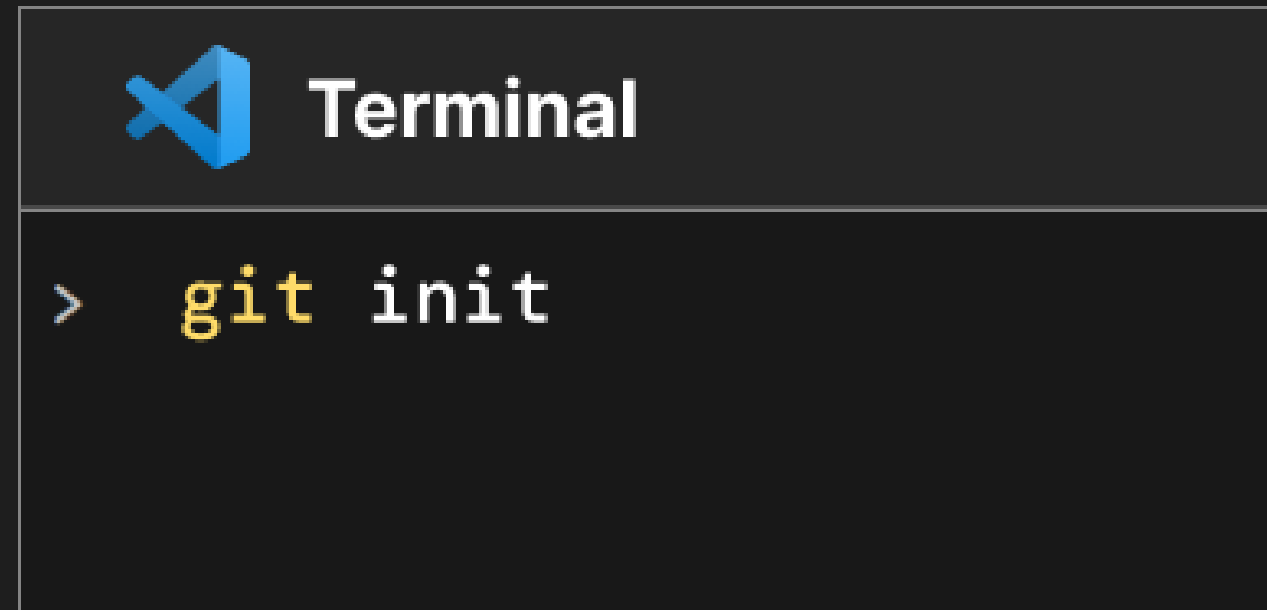


Git is a version control system that tracks changes in your code, allowing you to manage and collaborate on projects efficiently.



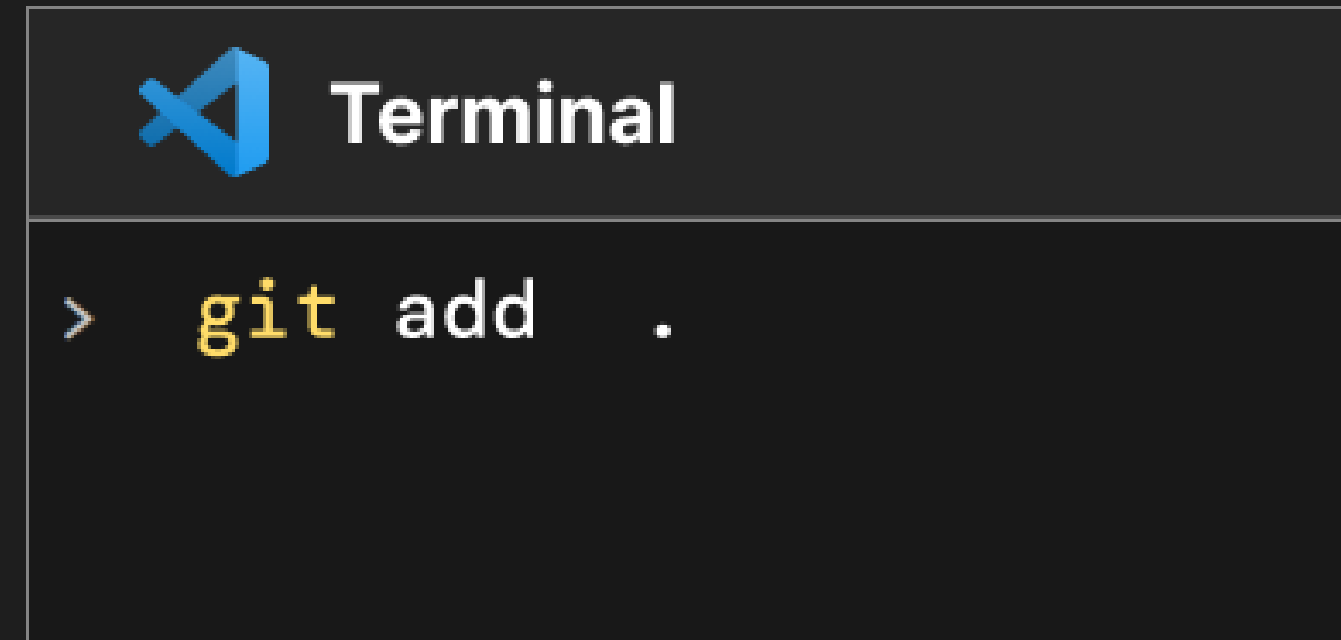
GitHub is an online platform for hosting and sharing Git repositories, enabling collaboration, version control, and code management.

Basic Commands



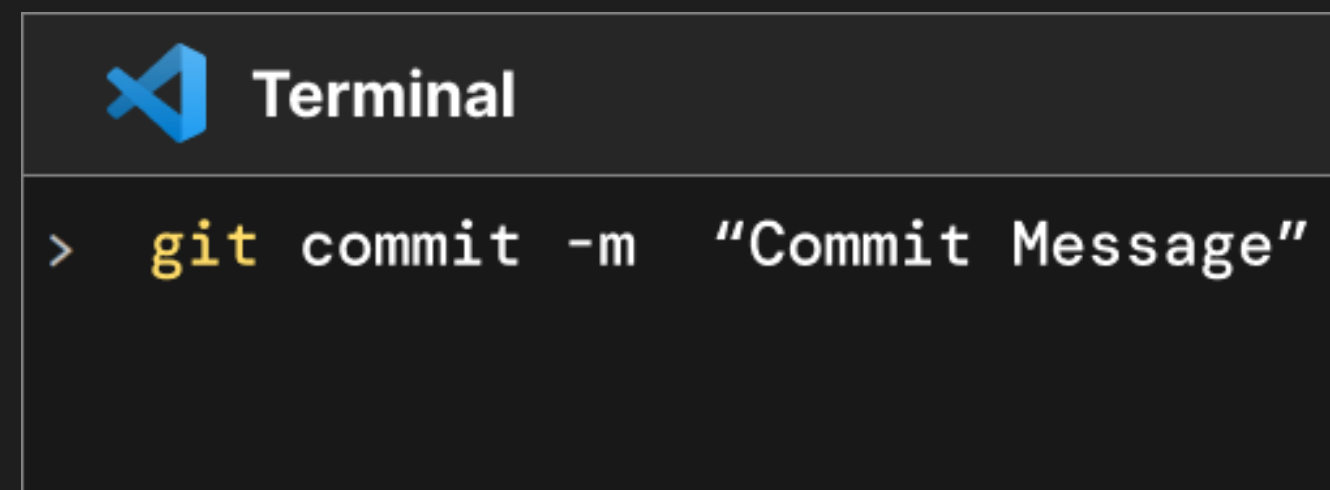
```
Terminal  
> git init
```

Initialize a Git repository



```
Terminal  
> git add .
```

Add files to staging area



```
Terminal  
> git commit -m "Commit Message"
```

Commit changes with a message

Git commands



Terminal

```
> git log --oneline
```

View commit history



Terminal

```
> git status
```

Check the status of your files



Terminal

```
git checkout (file name)
```

Switch to a file

Undo commands



```
> git revert (commit-hash)
```

undoes the changes of a
specific past commit



```
> git reset --hard (commit-hash)
```

resets every commit and
changes to a specific commit

Branch commands



```
> git branch <new-branch-name>
```

create branch



```
> git merge <branch-name>
```

merge branch



```
> git branch -d <branch-name>
```

delete branch

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