

@CS

Git/GitHub

#1



#Built_To_Last
#Whispers_Of_The_Void

/Install git

<https://git-scm.com/>

/Installation guide

https://www.youtube.com/watch?v=VUj10RV_26I

(to 3:28)

/Session recap

https://drive.google.com/drive/folders/12ymI7fdJtgWIZGpc90kD70-eMYvXzbM5?usp=drive_link



Configure yourself

```
git config --global user.name "Your Name"  
git config --global user.email  
"your.email@example.com"  
git config --list
```

Initialize or clone a repository

```
git init <project-name>  
git clone <url>
```

Add a file to repository

```
git add <file>  
git add .
```

commit

```
git commit -m "description"
```

Check status

```
git status
```

View history

```
git log
```



Create a branch

```
git branch <name>
```

View all branches

```
git branch -v
```

See the current branch

```
Git branch
```

Switch branch

```
git switch <branch> or git checkout <branch>
```

Create a branch and switch to it (one command)

```
git checkout -b <new-branch>
```

Go to a specific commit (Detached head)

```
Git checkout <commit-hash>
```

Shows the names of remotes

```
git remote
```

Shows the remote names and their URLs

```
git remote -v
```

Add a remote

```
git remote add <name> <url>
```

Change a remote URL

```
git remote set-url <name> <new-url>
```

Rename a remote

```
git remote rename <old-name> <new-name>
```

Remove a remote

```
git remote remove <name>
```

Push updates from a remote repo

```
git push <remote> <branch>
```

*tip: add -u to make it the default

Pull updates from a remote repo

```
git pull <remote> <branch>
```