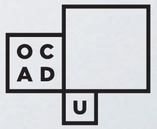
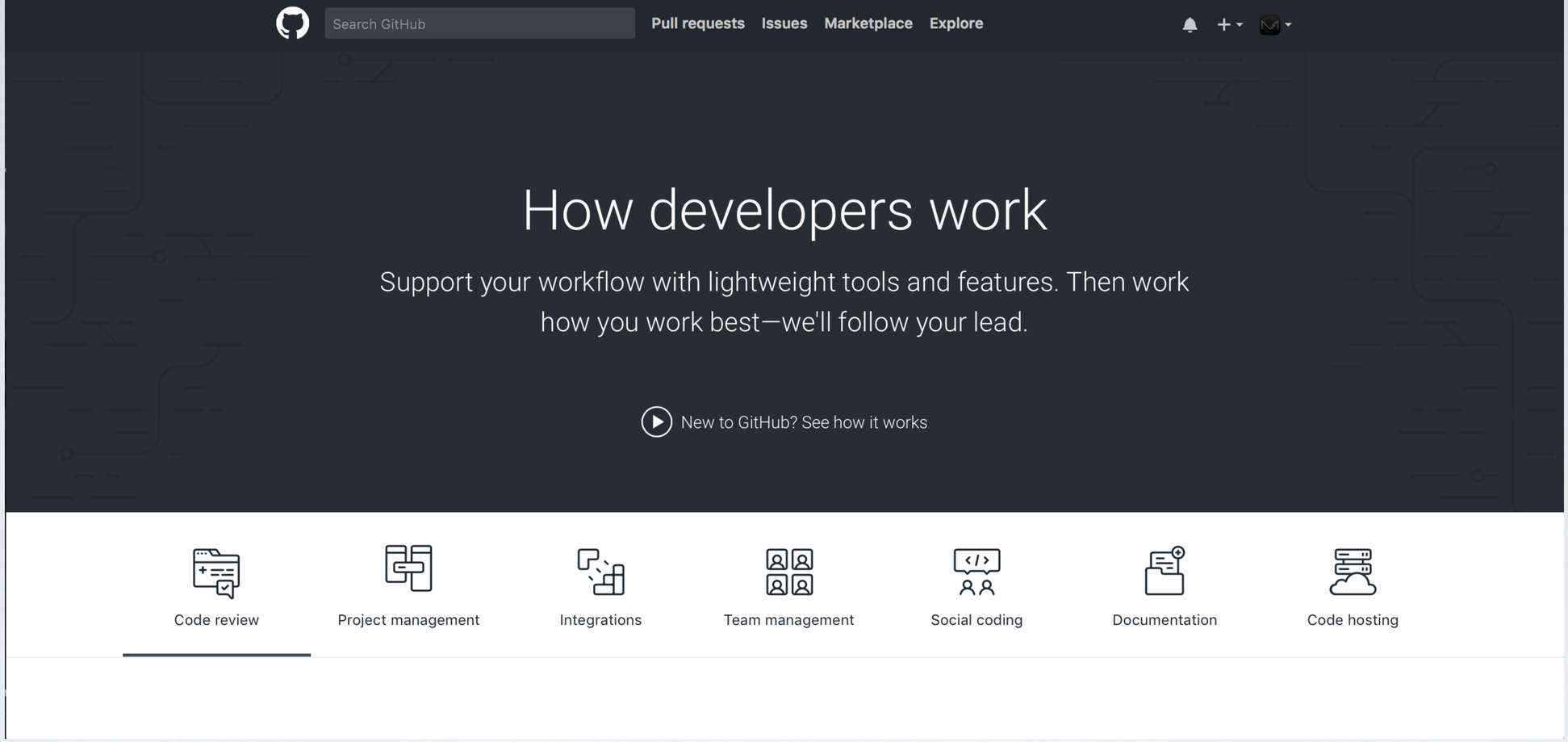
GIT + OPEN SOURCE



WHAT IS GIT?

- Git is a distributed version control system.
- Git allows multiple people and groups to work on the same documents.
- Git operates as a system driven by two main actions: branching and merging. This is called the "branching model”
- Invented by Linus Torvalds, the creator of the Linux kernel.



https://github.com

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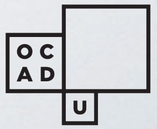

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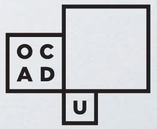
GitHub Desktop



HOW TO INSTALL GIT

On Mac:

Xcode Command Line Tools

git-scm.com

On Windows:

git-scm.com

On Linux:

Command Line

git-scm.com

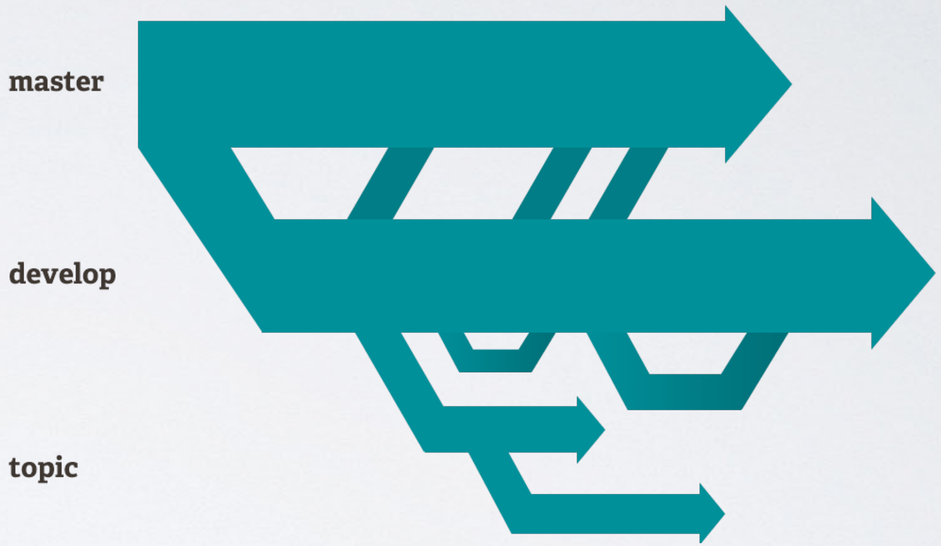
Using NPM in Command Line:

```
npm install --save npm-git-install
```

HOW GIT WORKS

HISTORY LESSON

commits, parents, reachability

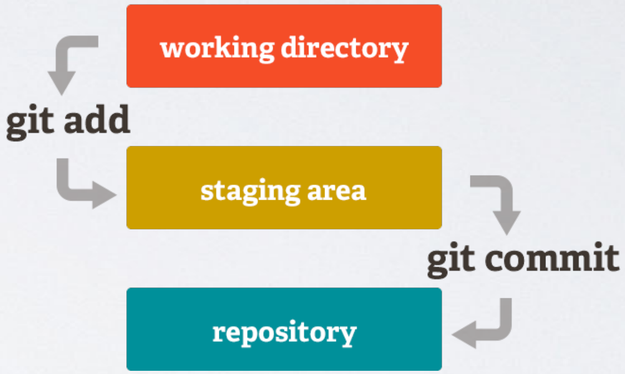


THE WORKFLOW

- This diagram quickly helps me remember how the Git workflow operates overall.

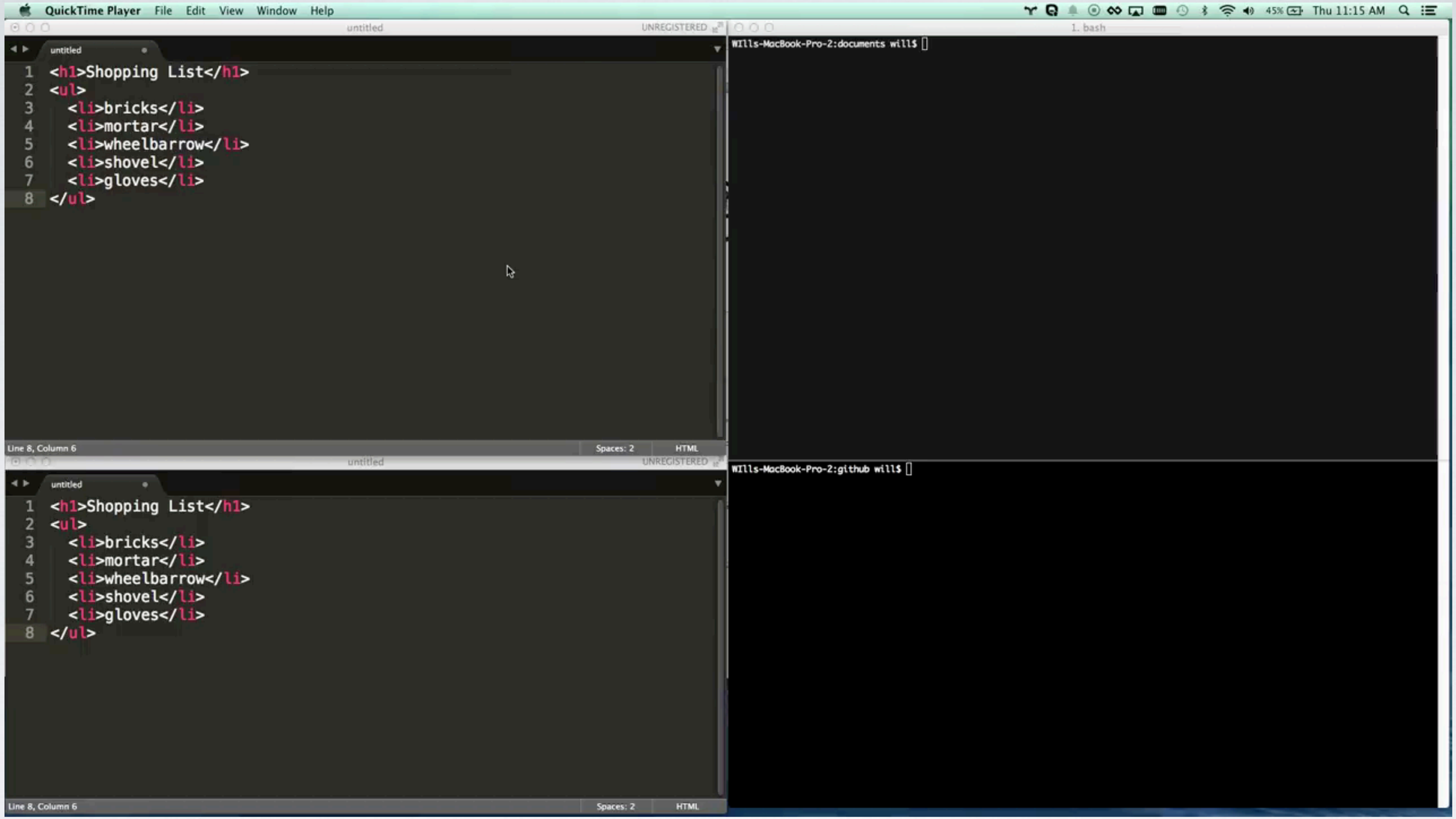
- Always keep in mind that Git functions not only as version control technology, but as a way to manage a directory of files with (or without) a group of people seamlessly.

- The end result of a complete workflow is a final directory of your project files, including its history.



HISTORY DIAGRAMS

HOW TO USE GIT

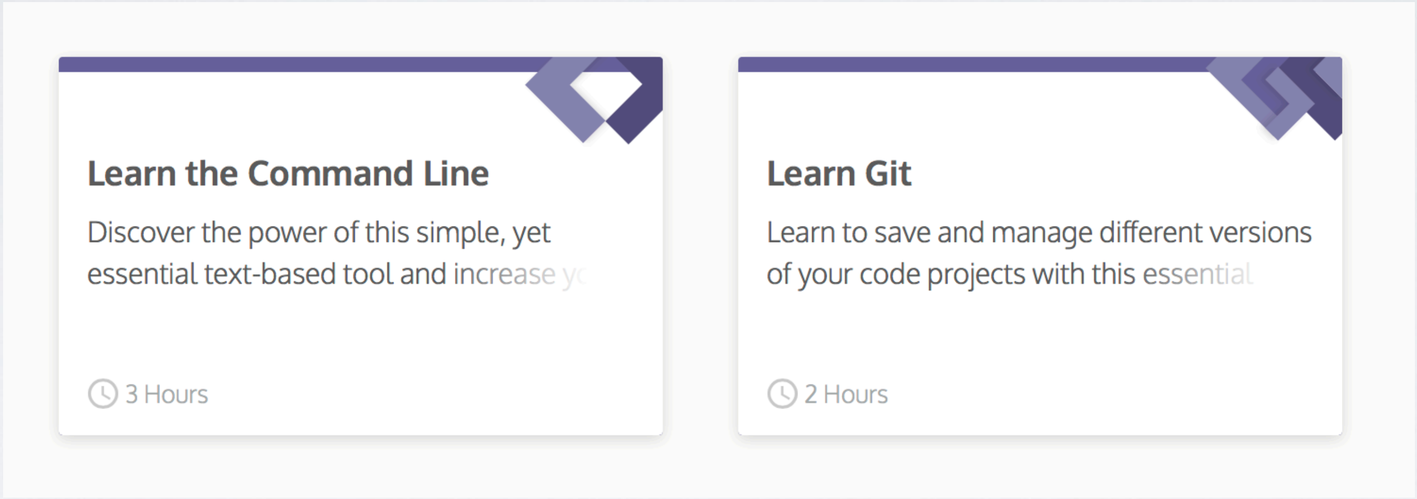


Click here to see the video

SUMMARY

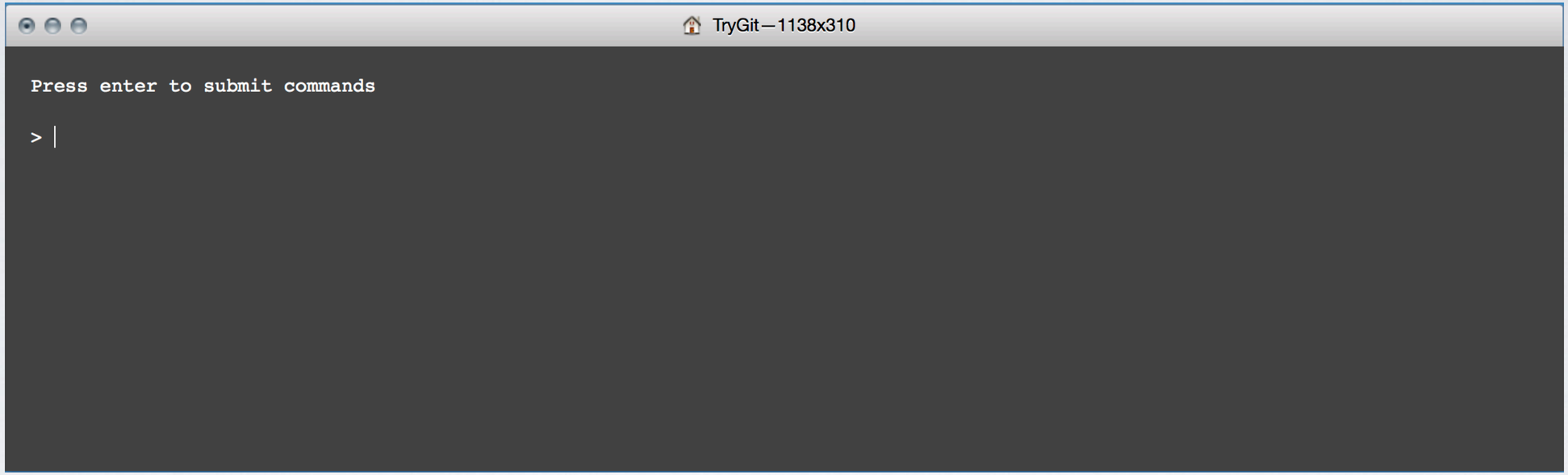
- Top 6 git commands
- git clone
- git status
- git add
- git commit
- git push
- git pull

LEARN MORE

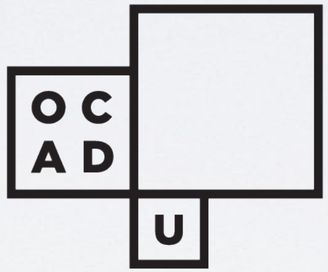


https://www.codecademy.com

LET'S TRY IT TOGETHER



https://try.github.io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