

INTRODUCTION TO DEVELOPMENT

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Why?



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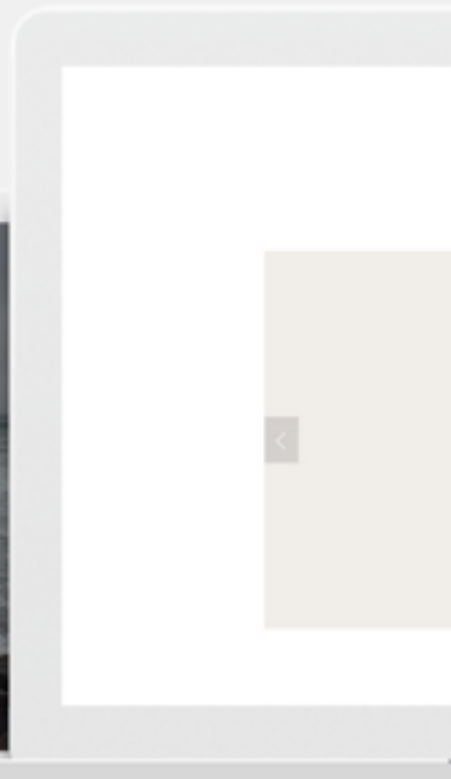
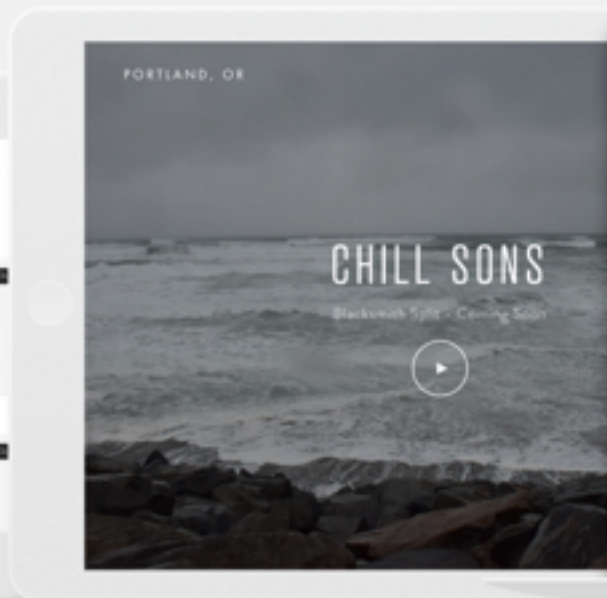
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What?

Learn how developers work

WHAT WE WILL LEARN

Ruby Ruby on Rails

WHAT WE WILL LEARN



KEEP AND CALM

LEARN RUBY

The background of the slide is a photograph of the Oracle headquarters building. It is a modern, multi-story structure with a curved, cylindrical design and a glass facade that reflects the sky and surrounding environment. The building is situated behind a row of green trees, and a body of water is visible in the foreground. The sky is clear and blue.

WHAT WE WILL LEARN

Database Modelling

How?

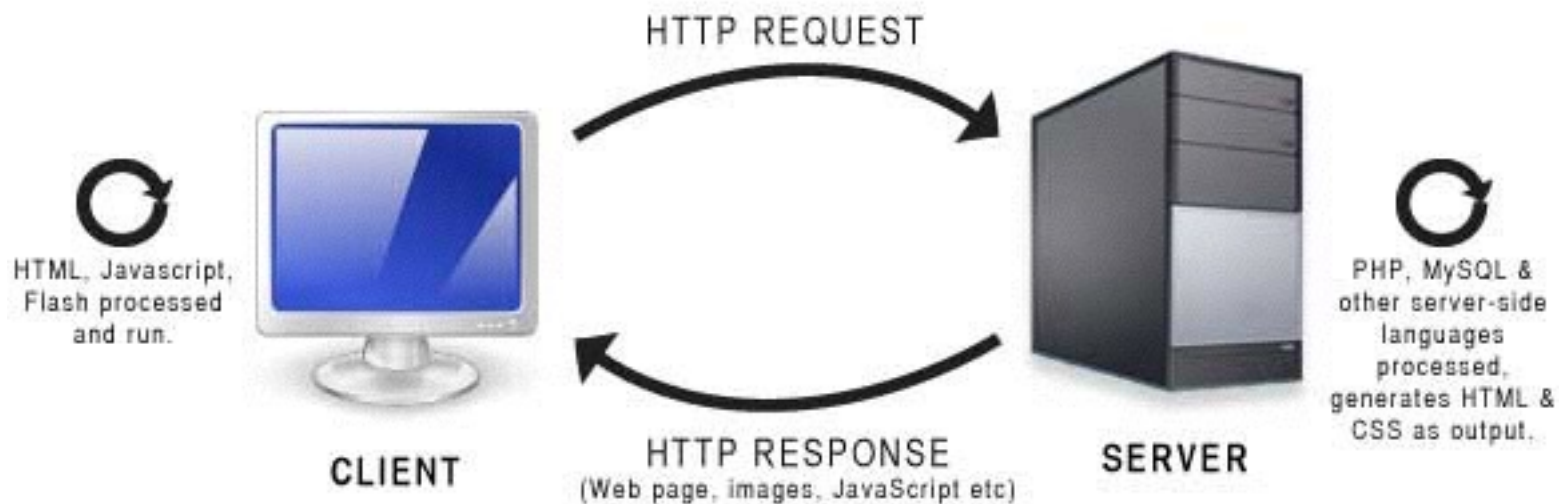
HOW

- 6 hours of class time / week
- ~ 3 hours of time with the TA / week
- In class -
 - Lecture notes (on Github)
 - Demos
 - Hands on lab work
 - 10 week in class project (Project Congo)
- Homework exercises (Mandatory)
- End of term assignment (Mandatory)

AGENDA

- What is web development
 - Back end vs Front end
- Using the command line
 - Why we use it
- Collaborating (the developer way)

ARCHITECTURE



HOW RUBY DEVELOPERS WORK

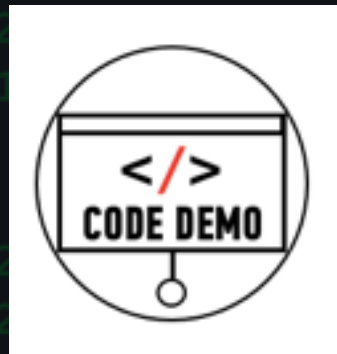
› Command line

› Don't panic!

› We will introduce you to some tools to simplify your life

COMMAND LINE

- What is it?
- Why do we use it?



5 MIN BREAK



TREAT!

<https://youtu.be/HuSEuJlaG4A>

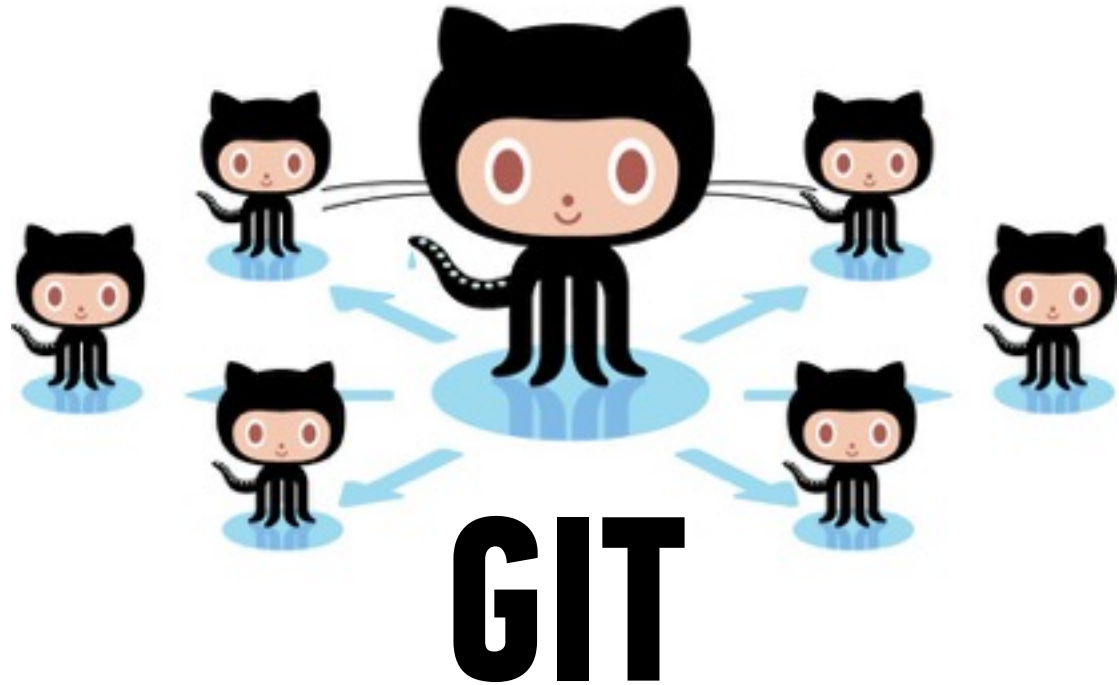
HOW RUBY DEVELOPERS WORK

- › How do developers -
 - › Save their work?
 - › Share their work?

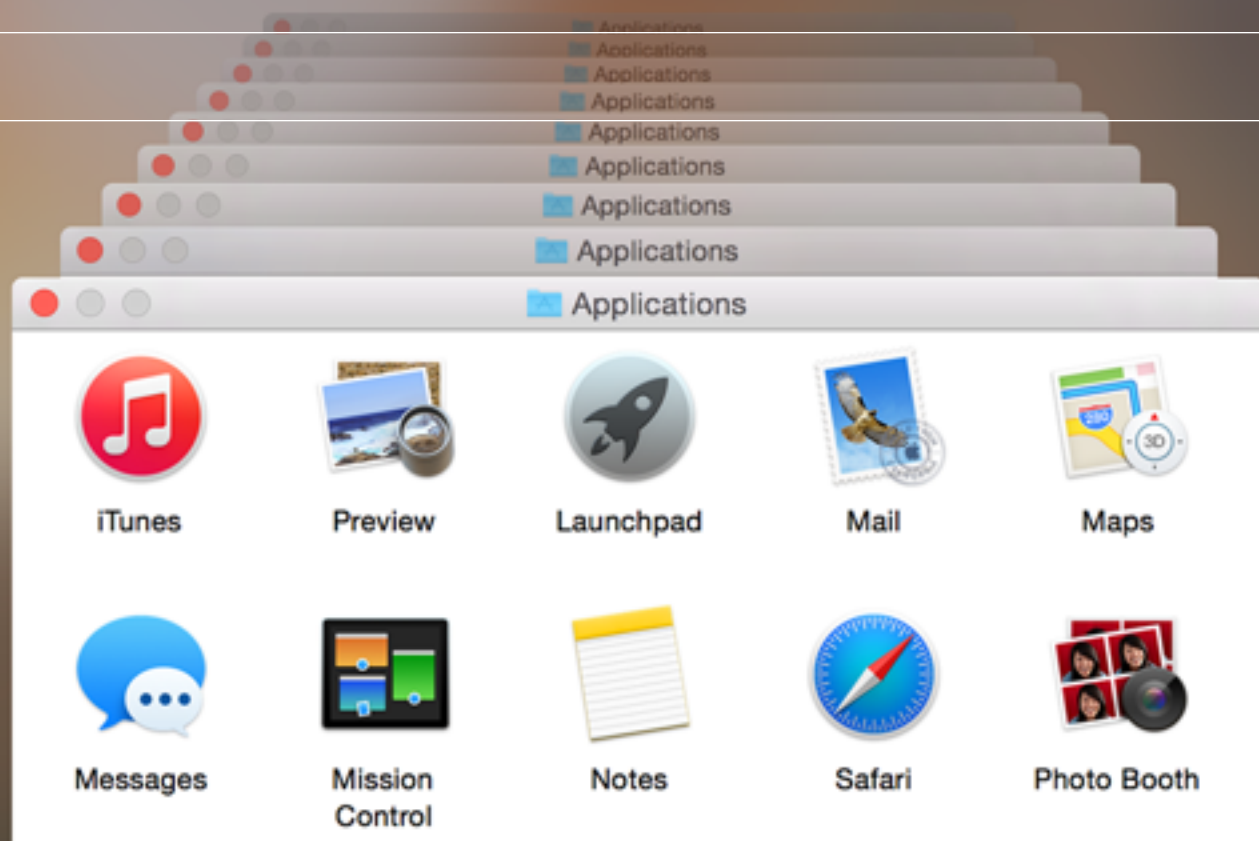


GIT

- Facilitates sharing
- Includes history



GIT

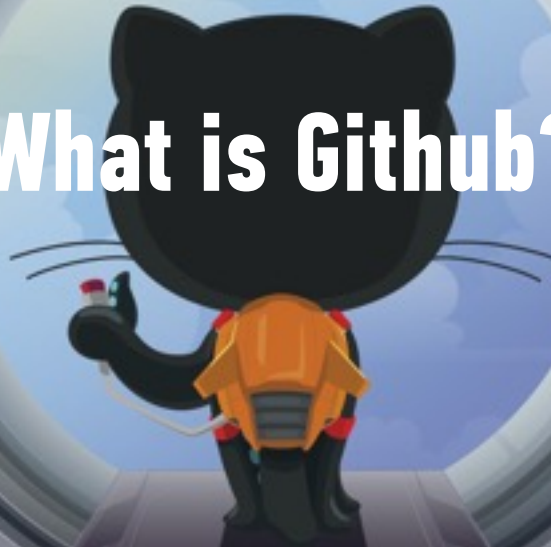


Cancel

Restore

GIT

What is Github?



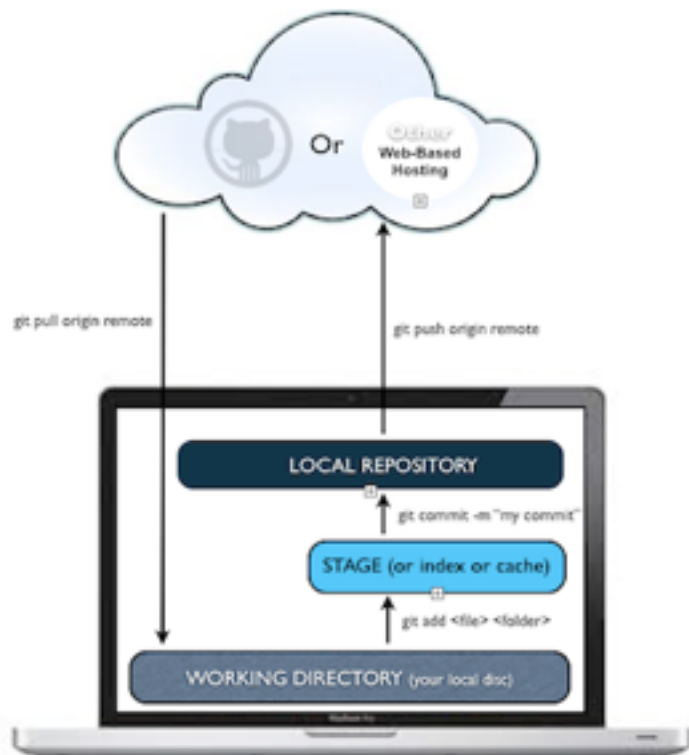


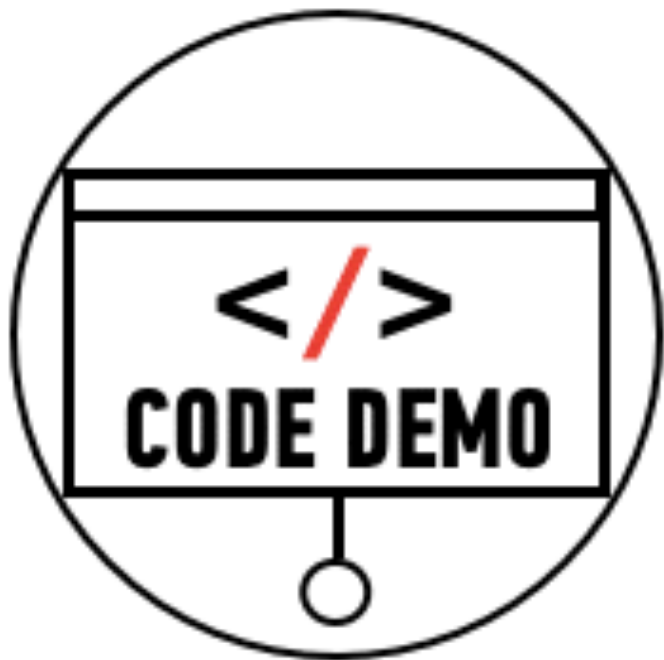
GIT

**Github is a service that lets you host
git repositories in the cloud**

GIT

- › Structured storage of your code





Q&A