

Basics of Github and NodeJS

Write it then share it

Meet Brendan Eich

Battle of Gods

1995

Netscape

Other browsers

Other browsers

Google

Other browsers

Other browsers

Battle of Gods

1995

Microsoft  Netscape

Other browsers

Other browsers

Other browsers

Other browsers

Google

Microsoft

- Working on release of Internet Explorer
- People love built-in
- Will support some form of Java

Netscape ❤️ Oracle

- Both have something to gain from Microsoft loosing
- They are not direct competitors between them
- They are direct competitors with Microsoft
- Yay 🙄

Brendan Eich

- Works at Netscape
- Wants a programming language for the client
- Likes Java syntax
- Has little time
- Has some resources (Oracle + Netscape)

The Birth of a Language



JS



JavaScript

- Prototype-based language
- Compiles directly to assembly with custom compiler
- Runs on the internet
- The internet runs on it
- Versatile and loose syntax
- Runs on every client

Runs on every client

Runs on every client

But on no server 🤔

Meet Ryan Dahl

Any app

Python

Ruby

CSS

PHP

JavaScript

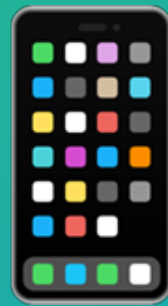
HTML

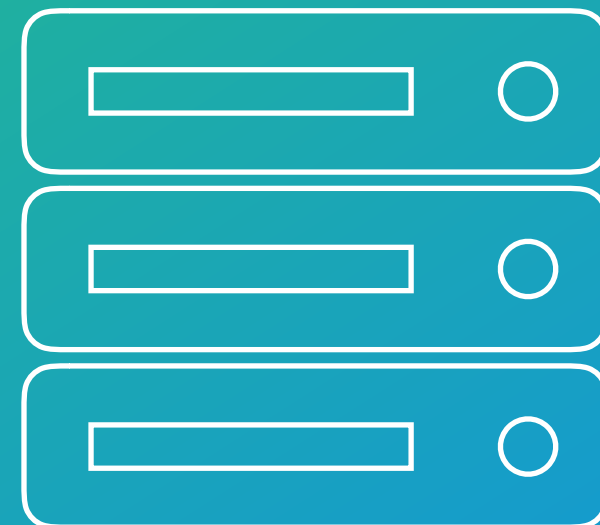
One language to rule them all

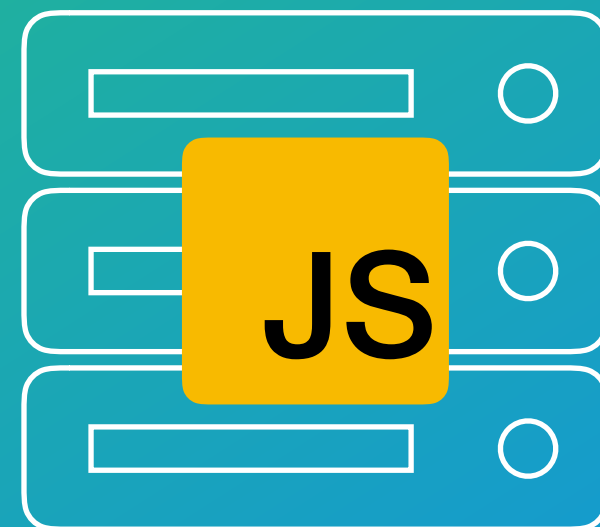
Where do YOU run?

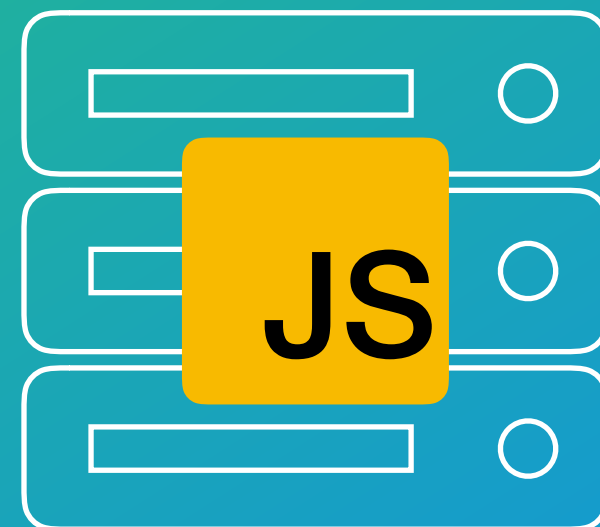
JavaScript = Web Standard

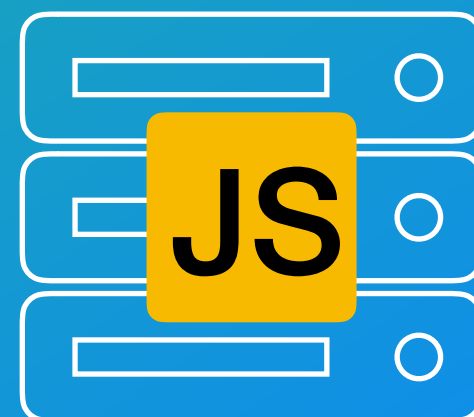
Everything can run it, anytime













NodeJS

- Built by Ryan Dahl and made Open Source
- Allows modular programming in a blaze
- Built-in Server and Communication functionality
- Full-on JS on server
- Support for C++ and more languages

Ruling on them all
platforms



PHP

HTML

Java

Python

R

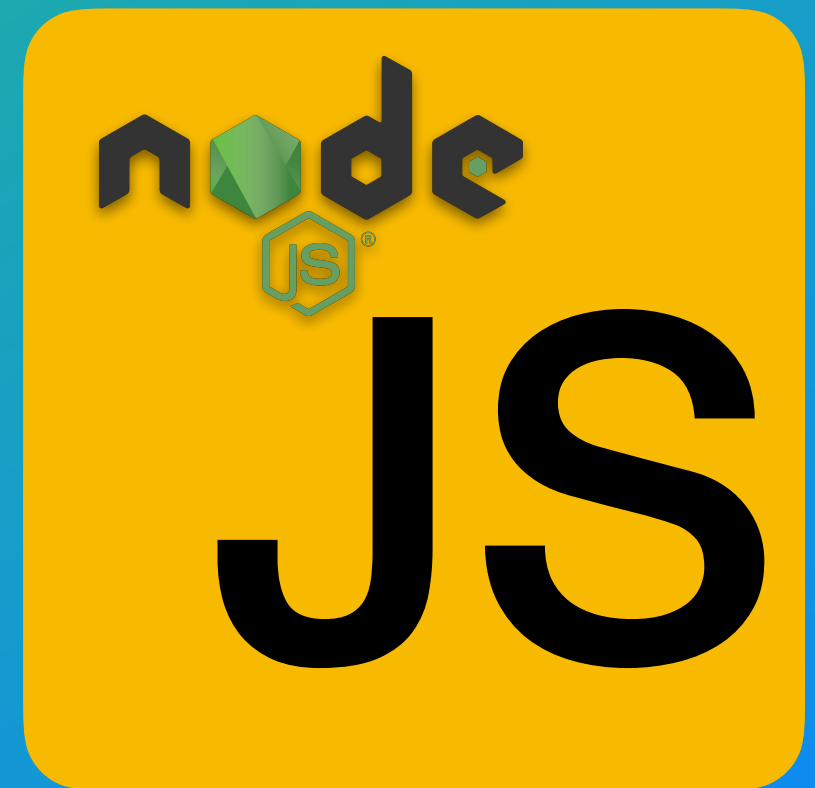
C++

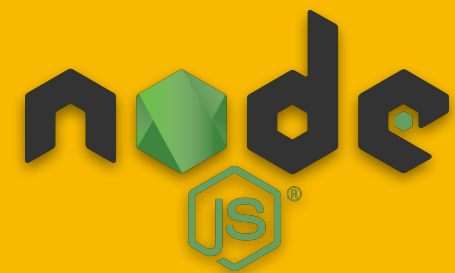
The JavaScript logo, consisting of the letters 'JS' in a large, bold, black serif font, centered within a yellow rounded square. The background of the entire image is a blue-to-teal gradient.

JS

HTML

C++



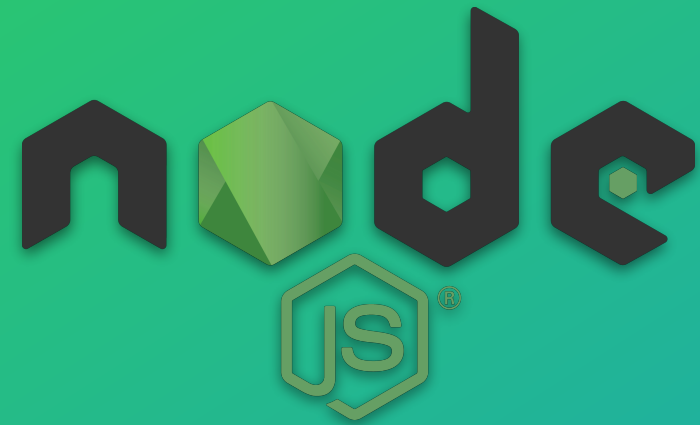


JS

We Love



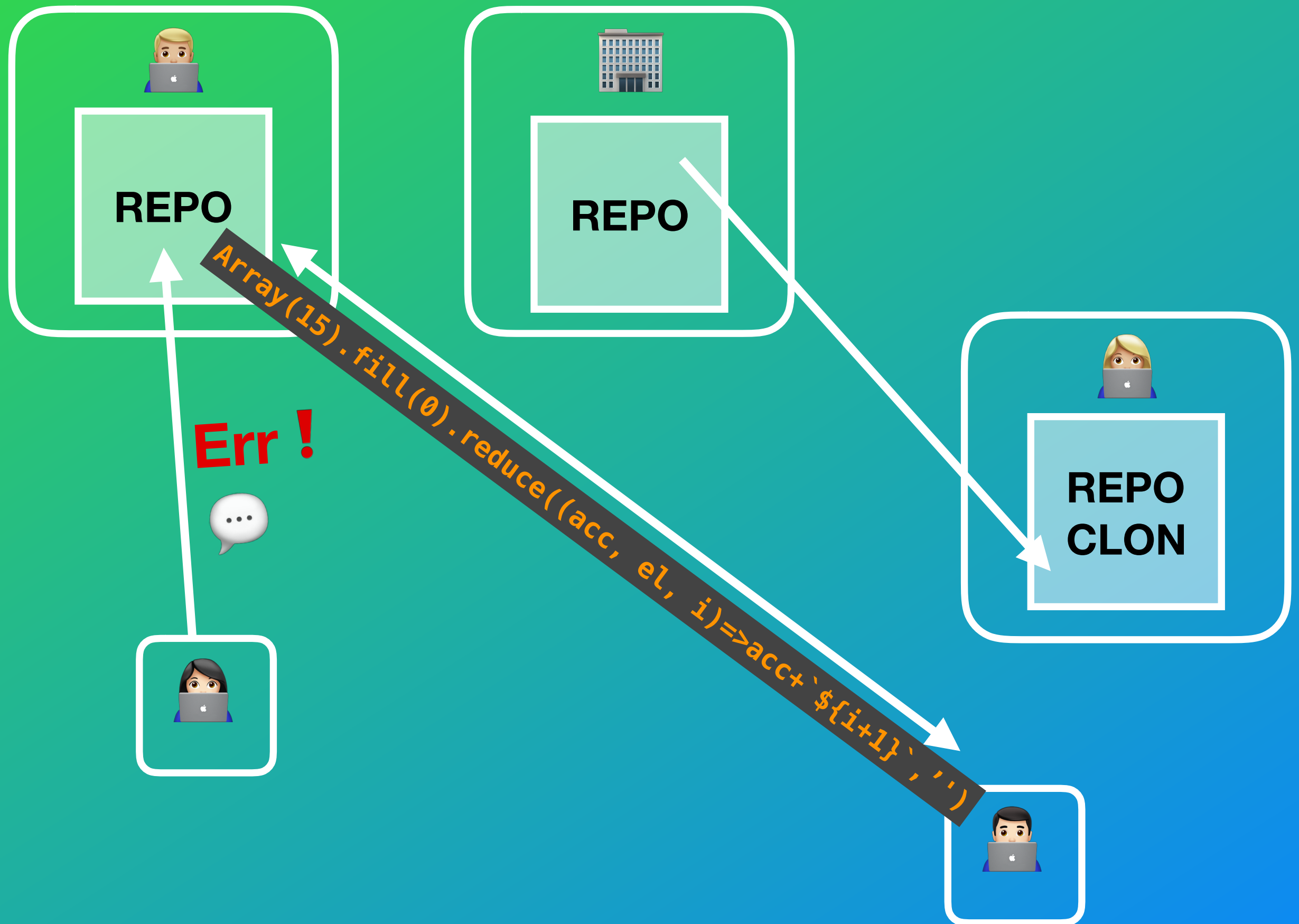
We Love



We LOVE
sharing Code

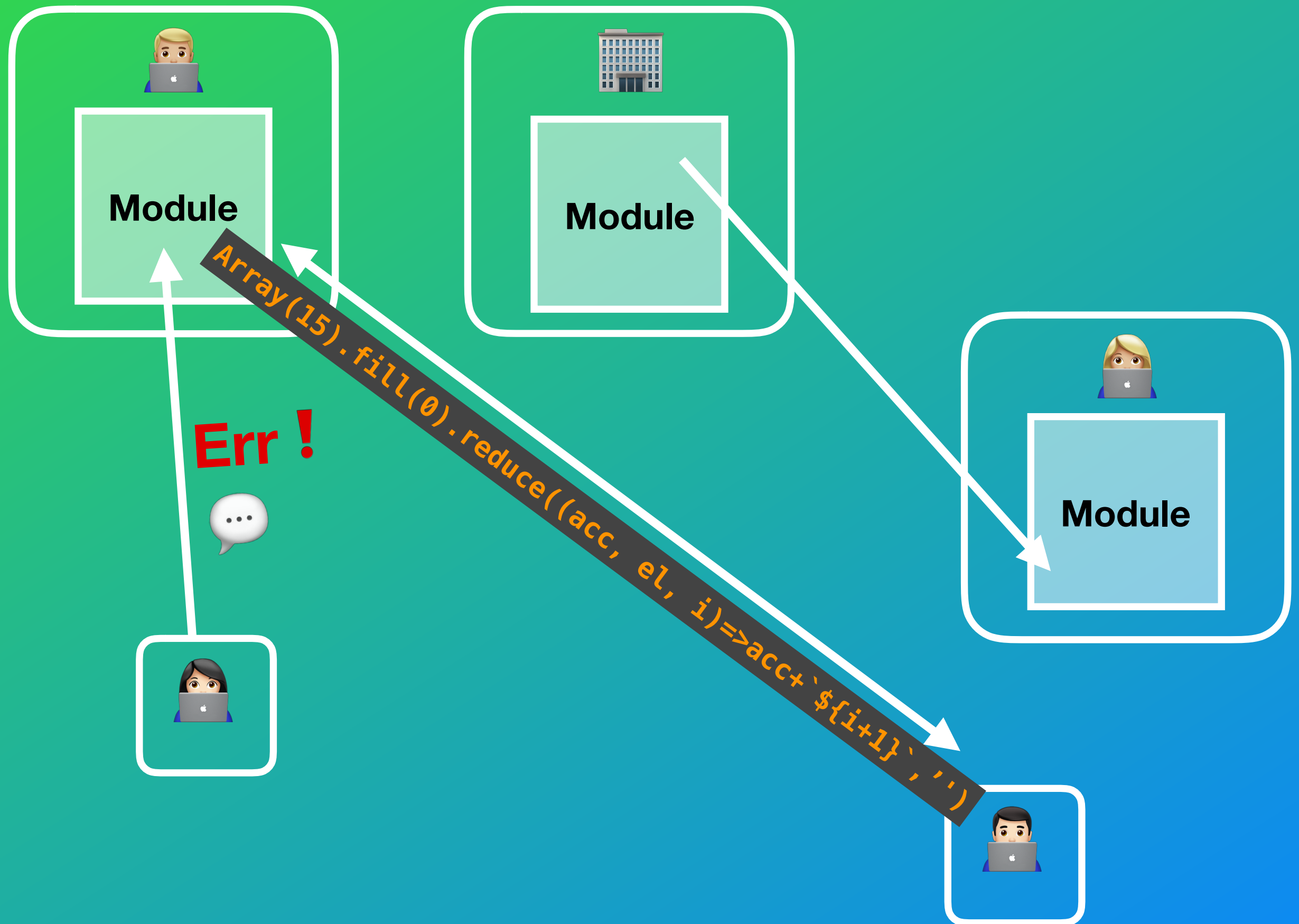
How do you share
code?

GitHub



Let us visit github.com

NPM



It's all Modules

```
Felipes-MacBook-Pro:insight-bites felipeacosta$  
yarn add amazing-package expo react react-native
```

```
import React from 'react';  
import { ScrollView, Alert } from 'react-native';  
import { LinearGradient, } from 'expo';
```

Let us visit npmjs.org

Activity!

- Create GitHub account
- Clone basic node server repo
- Run server and play with it
- Make your own server
- Upload it

**If you don't know how to upload it to GitHub,
search for instructions online =)**

Takeaways_mod2

- We all love sharing code
- Never re-invent the wheel
- JavaScript = One language to rule them all
- Share code via GitHub
- Share code via NPM