

# Intro to JavaScript

# What is JavaScript?

- A programming language for the webpages and the internet
- Designed by Brandon Eich for the Netscape browser in 10 days
- Name influenced by Java
- Dynamic, Asynchronous, Event Driven

# What is this JQuery thing?

- Used to make things less terrible when writing JS for different browsers
- Kind of a crutch
- Avoid it if you can
- ([vanilla.js](#))

**How is it as a programming language?**

terrible

**The JavaScript ecosystem in less than a minute**

- If you run it on a server its called Node or Node.js
- Package managers: `npm` , `yarn`

## Different dialogues

- ES5
  - runs everywhere always, is terrible
- ES6 aka ECMA2015 aka ES2015
  - runs most places sometimes, is less terrible
- ES7 aka ECMA2016
  - barely runs anywhere at this point



## Transpiling

- Taking dialogue and turning it into another
- Babel is the most common tool for that

Ex: ES7 -> ES6

## Other languages that transpile to JavaScript

- TypeScript
- CoffeeScript
- Elm
- Scala.js
- Gopher.js
- many more

# JavaScript "quirks"

blatantly stolen from [Wat](#)  
also checkout [WTFJS](#)

**Lets code!**