JavaScript

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What is it?

- Client side script – runs after you receive the page
- Event driven – depending on what the user does, you can respond
- Usability – can change the page without requiring refresh or server

Like Java? NO!

- Interpreted not compiled
- Looser rules
- Everything is a 'var' – no need to specify
- Functions instead of classes
- Link to it on the html page:
  - <sciptr src="file.js" type="text/javascript"></script>
- Types:
  - Number, Boolean, String, Array, Object, Function, Null, Undefined

Why is this cool?

- Demos
  - Var
  - Typeof
  - Math
  - Functions
  - if/else
    - Undefined- has not been declared, DNE
    - Null – exists but is nothing
  - Objects
  - Loops

jQuery – Quick Overview

- The DOM – Document Object Model
- document.getElementById() vs $(‘’)
- Simplifies events and listerners

Make something

- Fine

Nodejs

- Server side JavaScript – Anything and everything you can think of it can do
- More secure – any authorization or data handling should be done here
- Express, MongoDB, Socket.io, and many more

New language?

- Syntax is the same just different concepts
- MVC – Model View Controller
- Lets mess with it