

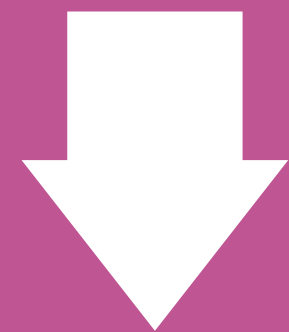
ES6

ECMAScript Version 6
ECMAScript 2015



Week 2 Day 2

~~Mocha~~
~~LiveScript~~
JavaScript



1995

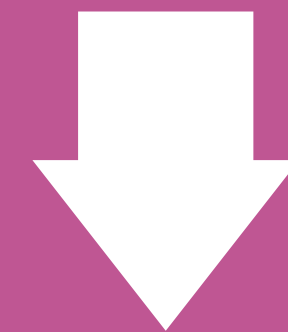
1997

WTF?

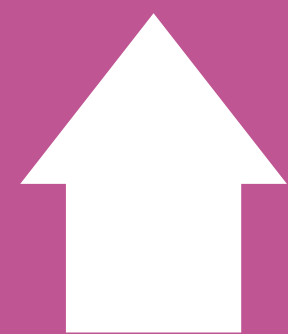
2005

2015

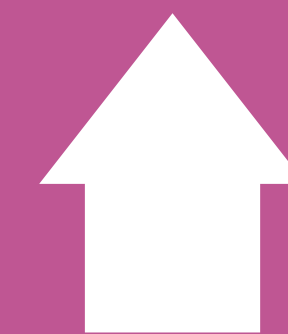
Ajax/jQuery



ECMAScript



ECMAScript



2015



SpiderMonkey



V8



Chakra



JavaScriptCore

Transpiling and Polyfills

ES5

"use strict";

ES6

let, const, var
for...of vs. for...in
Template Literals
Arrow Functions

```
function greet(names) {  
  const greeting = 'Hello';  
  
  for(let i = 0; i < names.length; i += 1) {  
    console.log(greeting + names[i]);  
  }  
  
  // i no longer in scope  
}
```

let, const, var

```
const list = [1, 2, 3, 4];  
  
for(const item of list) {  
  console.log(item);  
}  
for(let item of list) {  
  item += 1;  
  console.log(item);  
}
```

for...of vs. for...in


```
const me = {  
  name: 'Karl',  
  city: 'Vancouver'  
}  
  
console.log(`${me.name} from ${me.city}.`);
```

Template Literals

```
[1, 2, 3, 4].map(function(value) {  
    return value * value;  
});
```

```
[1, 2, 3, 4].map((value) => {  
    return value * value;  
});
```

```
[1, 2, 3, 4].map(value => value * value);
```

Arrow Functions

MORE ES6

Class Syntax

Generators

Promises

Destructuring Assignment

Modules

Enhanced Object Properties

More...

Questions 