

React y ES6

con webpack



Ricardo Borillo
[@borillo](#)



decharlas
.com

StartWars.

APRENDE A EMPRENDER

Laboratorio de ideas para el desarrollo de soluciones TI y
negocios online

📍 ÚNETE AL PROGRAMA



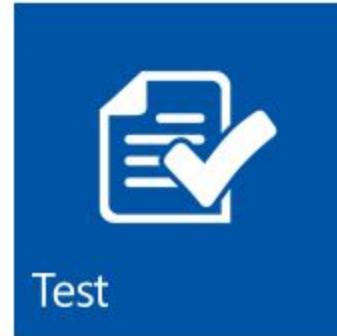
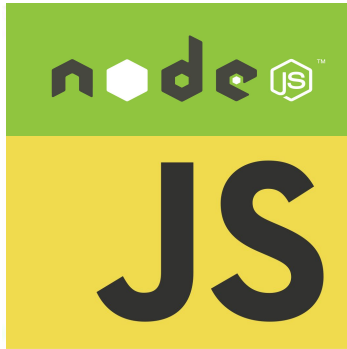
{codeemotion}

Lean NodeJS

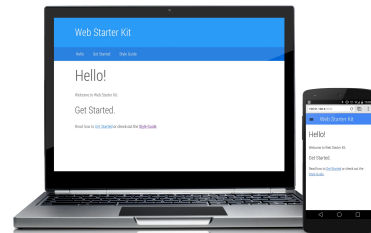
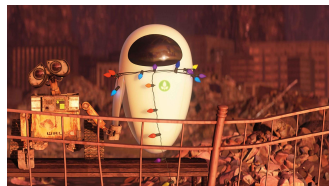
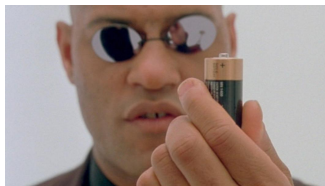
zero waste and defects



Ricardo Borillo
@borillo

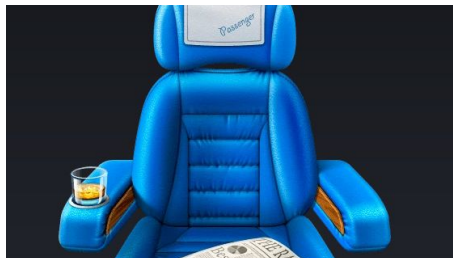



**KEEP
CALM
AND
BE
LEAN**



Jasmine

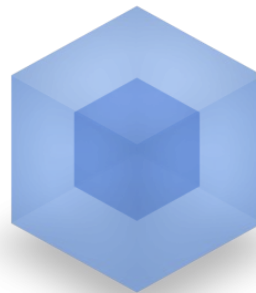
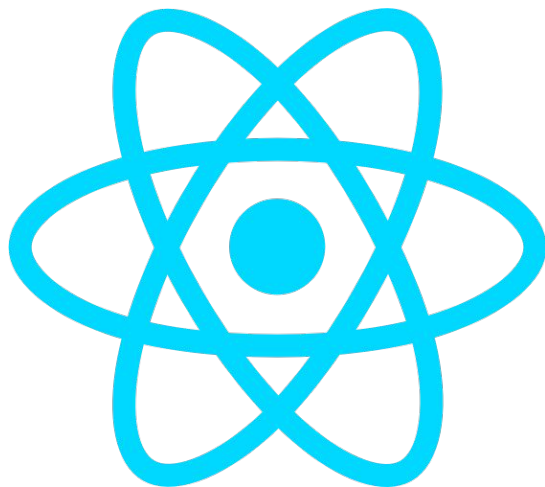
 KARMA



 EPM2

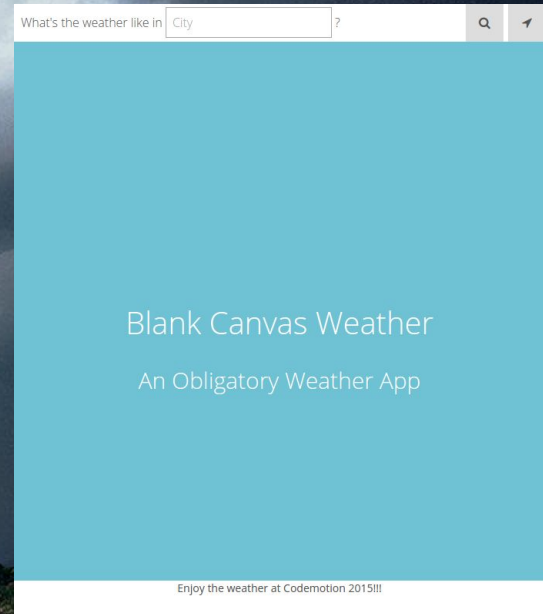


BABEL



webpack
MODULE BUNDLER







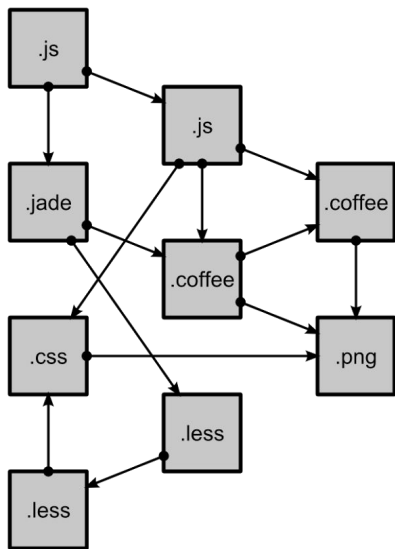
<https://github.com/borillo/codemotion-2015>



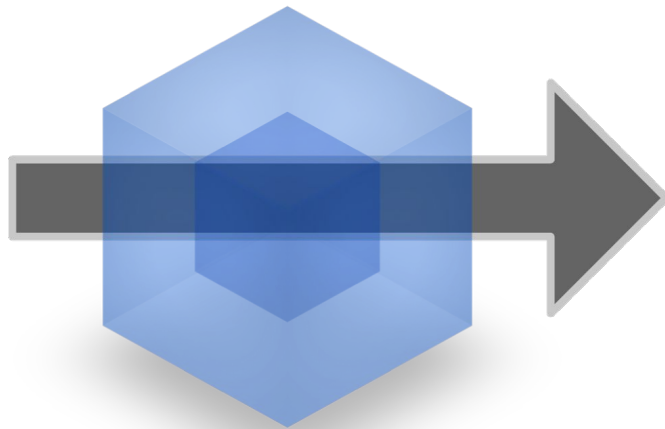
#hands-on



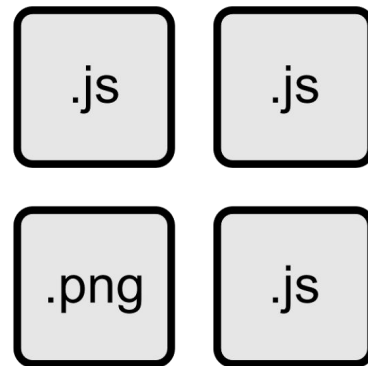
webpack
MODULE BUNDLER



modules
with dependencies



webpack
MODULE BUNDLER



static
assets

```
<!doctype html>  
<html>  
  <body>  
    <script src="bundle.js"></script>  
  </body>  
</html>
```

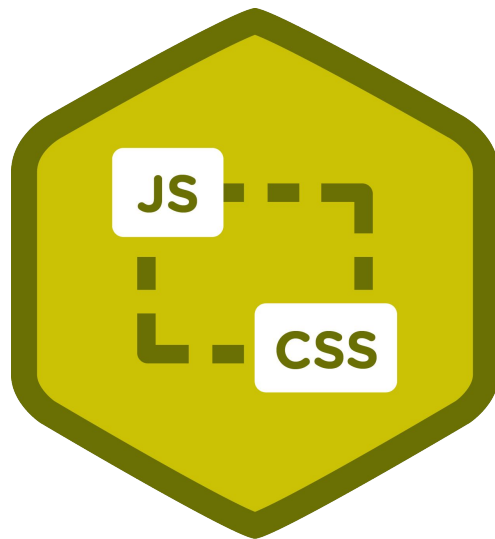
index.html

```
module.exports = {  
  entry: './app.js',  
  output: {  
    path: '.',  
    filename: 'bundle.js'  
  }  
}
```

webpack.config.js


```
$ webpack
```

```
$ webpack -p
```



webpack loaders

```
$ npm install \  
  --save-dev css-loader
```

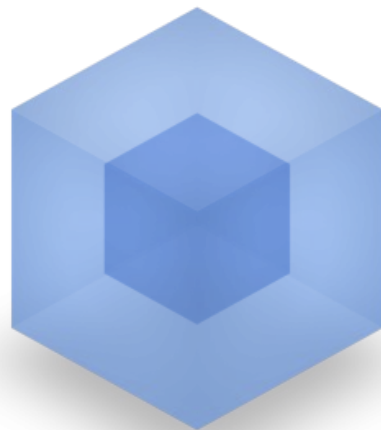
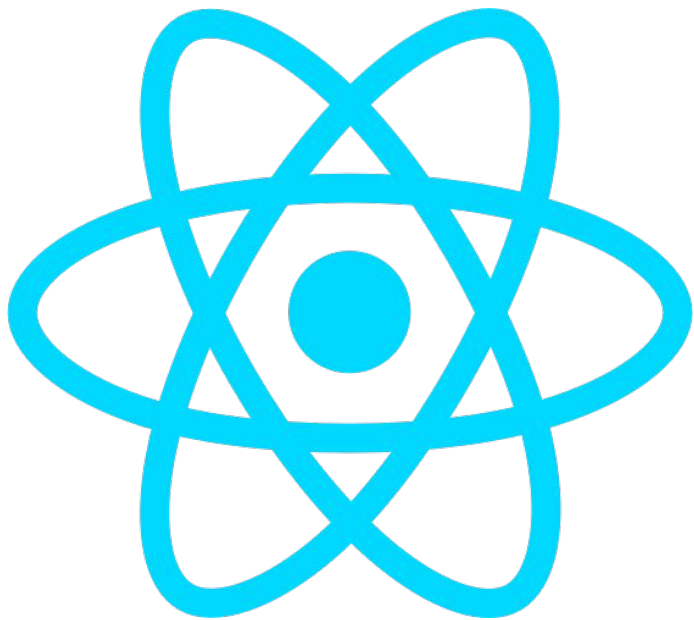
```
$ npm install \  
  --save-dev style-loader
```

```
module.exports = {  
  entry: './app.js',  
  output: {  
    path: '.',  
    filename: 'bundle.js'  
  },  
  module: {  
    loaders: [  
      {  
        test: /\.css$/,  
        loader: 'style!css'  
      }  
    ]  
  }  
}
```

webpack.config.js



#hands-on



webpack
MODULE BUNDLER

Array
Class
Destructuring
Generator
Map
Reflect
Set
Iterator
Object literal
Template strings
String
Symbol
Arrow functions
Block scope
Rest operator
Spread operator
Default parameters
Modules
Object
Number
Unicode

The image shows a detailed compatibility table for ES6 features. The table is organized into sections: Features, Compatibility, and Modules. Each section lists features and shows their support status (green for supported, red for not supported) across different browser versions. The word 'BABEL' is written in large, stylized yellow letters across the middle of the table.

ES6 adoption

<https://kangax.github.io/compat-table/es6/>

ES6 Katas

Just learn a bit of ES6 daily

JSX

```
import React from 'react';
import ReactDOM from 'react-dom';

class WeatherApp extends React.Component {
  render() {
    return (
      <div/>
    );
  }
}

ReactDOM.render(<WeatherApp />,
  document.getElementById("react-output"));
```

index.js

**properties &
events**

```
class SearchBar extends React.Component {  
  show() {  
    this.props.onData(data);  
  }  
  
  render() {  
    return (  
      <header className="search-bar">  
        <button id="geo-button"  
          className="geo-button fa fa-location-arrow search-button"  
          onClick={this.show.bind(this)}>  
        </button>  
      </header>  
    );  
  }  
}  
  
  <SearchBar onData={this.showWeatherData.bind(this)} />
```

index.js

state

```
class WeatherApp extends React.Component {
  constructor(props) {
    super(props);
    this.state = { ready : false };
  }

  showWeatherData(data) {
    this.setState({ ready : true });
    this.refs["info"].loadWeatherData(data);
  }

  render() {
    return (
      <div>
        <SearchBar onData={this.showWeatherData.bind(this)} />
        { (this.state.ready) ? <Info ref="info" /> : <Wellcome /> }
      </div>
    );
  }
}
```

lifecycle

componentWillMount:

Before render

componentDidMount:

After render

componentWillUnmount:

Before remove DOM



#hands-on

```
var el = document.querySelector("div.user-panel.main input[name=login]);
```

```
fetch('//offline-news-api.herokuapp.com/stories')  
  .then(function(response) {  
    if (response.status >= 400) {  
      throw new Error("Bad response from server");  
    }  
    return response.json();  
  })  
  .then(function(stories) {  
    console.log(stories);  
  });
```

React **Hot Loader**

Flux: Redux

React **Router**

SASS

React **Toolbox**

∞ The end ∞