

MC - React js

# Sommaire

- React c'est quoi ?
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- Component
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- State & Constructor (live)
- Aller plus loin
- Let's go, do it !

# 1. React c'est quoi ?

- Librairie Javascript
- 2013 par Facebook
- Le V de MVC ?
- MVVM - MVW (:D)
- Interface utilisateur interactive !

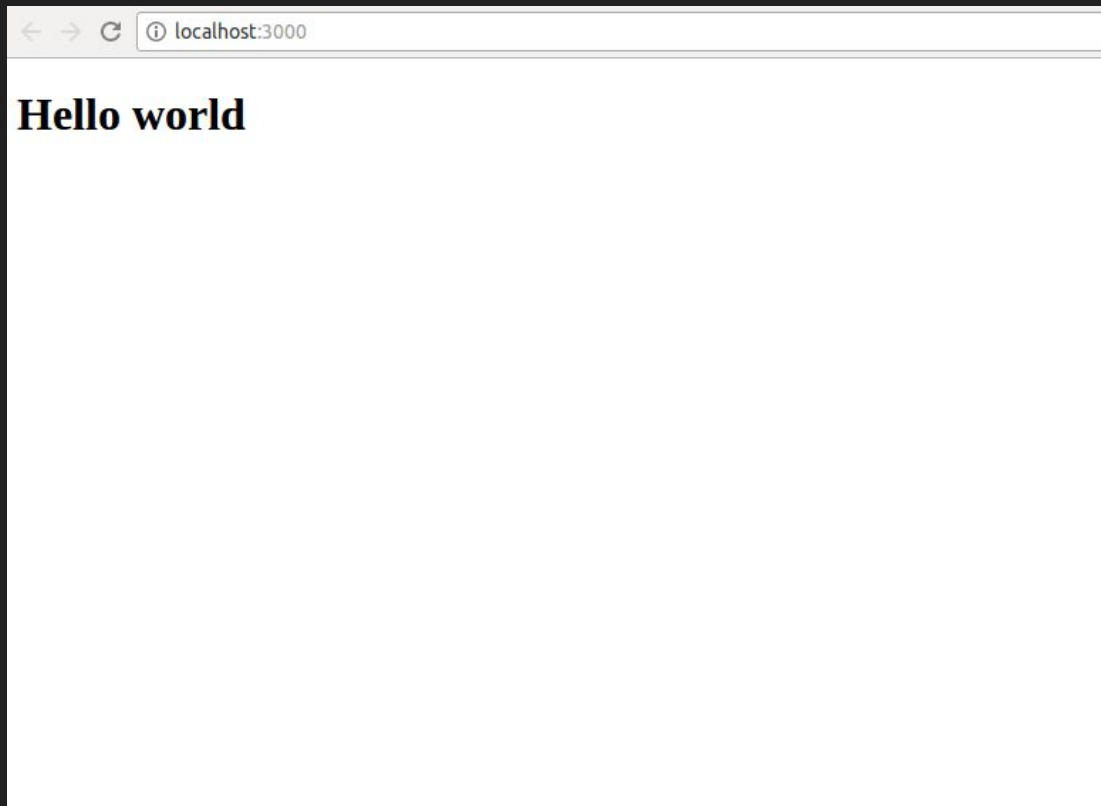
## 2. React c'est quoi ?

- Un système via composant
- Pas touche au DOM
- Gérer des états
- ES6 & ES5 (beurk)

# Render

```
index.js x
1  import React from 'react';
2  import { render } from 'react-dom';
3
4  render(<h1>Hello world</h1>, document.getElementById('root'));
5  |
```

# Render



# Component

```
1  import React, { Component } from 'react';
2
3  class App extends Component {
4    render(){
5      return(
6        <div>
7          <h1>Hello world</h1>
8        </div>
9      )
10   }
11 }
12
13 export default App;
14
```

```
1  import React from 'react';
2  import { render } from 'react-dom';
3  import App from './container/App';
4
5  render(<App/>, document.getElementById('root'));
6
```

# Props

```
1 import React, { Component } from 'react';
2
3 class Input extends Component {
4   render(){
5     return(
6       <div className='field'>
7         <label htmlFor={this.props.id}>{this.props.label}</label>
8         <input
9           type={this.props.type}
10          name={this.props.name}
11          id={this.props.id}
12          placeholder={this.props.placeholder}
13        />
14      </div>
15    )
16  }
17 }
18
19 export default Input;
20
```

```
1 import React, { Component } from 'react';
2 import Input from './Input';
3
4 class App extends Component {
5   render(){
6     return(
7       <div className='ui grid'>
8         <div className='ui two column centered grid'>
9           <form className='ui form'>
10             <Input
11               label="Name"
12               id="name"
13               name="name"
14               type="text"
15               placeholder="Jordan"
16             />
17             <Input
18               label="Password"
19               id="password"
20               name="password"
21               type="password"
22               placeholder="tralala"
23             />
24           </form>
25         </div>
26       </div>
27     )
28   }
29 }
30
31 export default App;
32
33
```



# Props

| Name     |
|----------|
| Jor      |
| Password |
| .....    |

# Aller plus loin !

- Redux framework
- Jest - Unit Test
- React Router - MonoPage GodLike