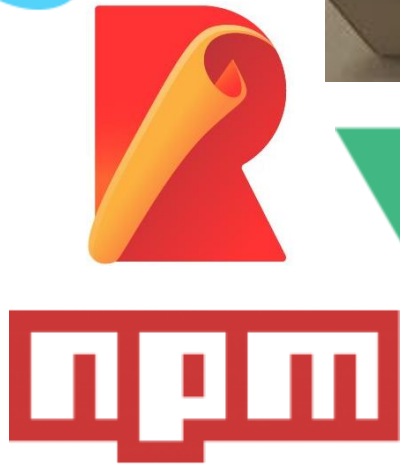
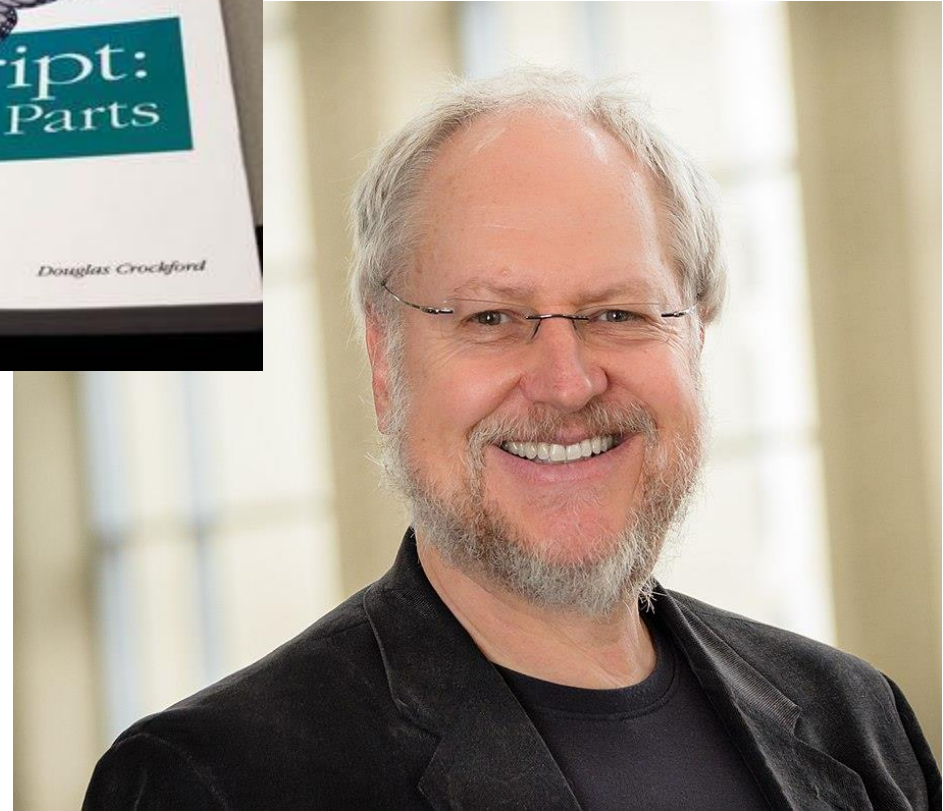
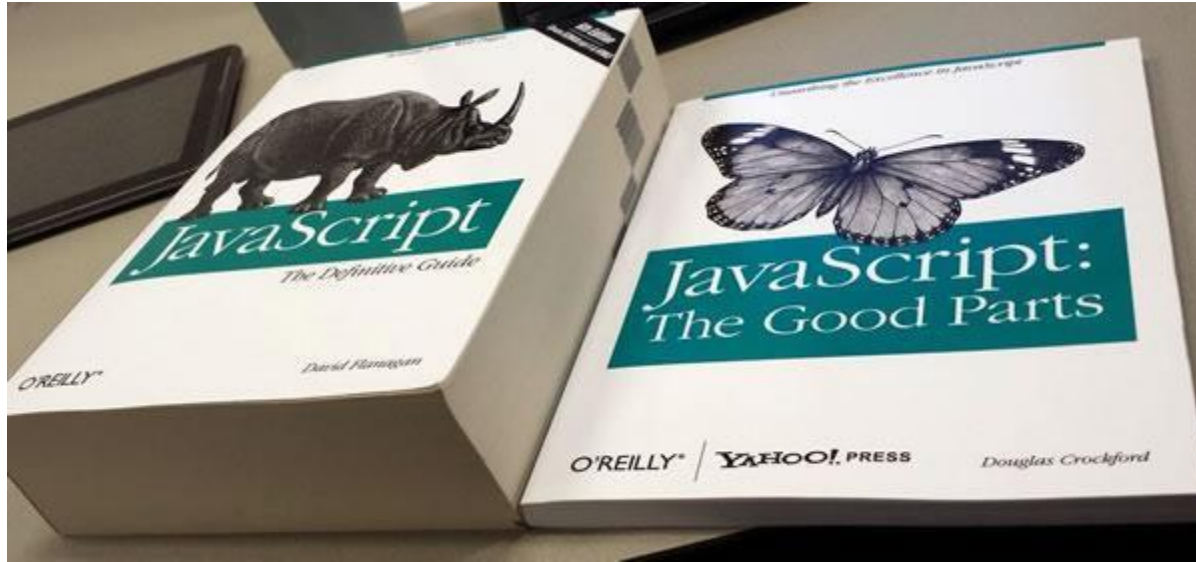
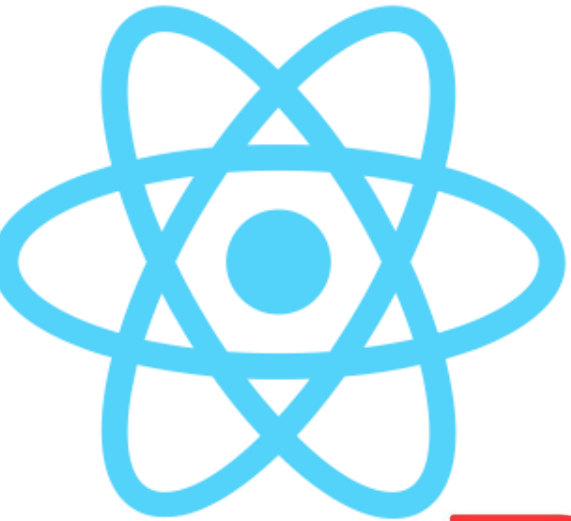


PV247

Vilém Jeniš



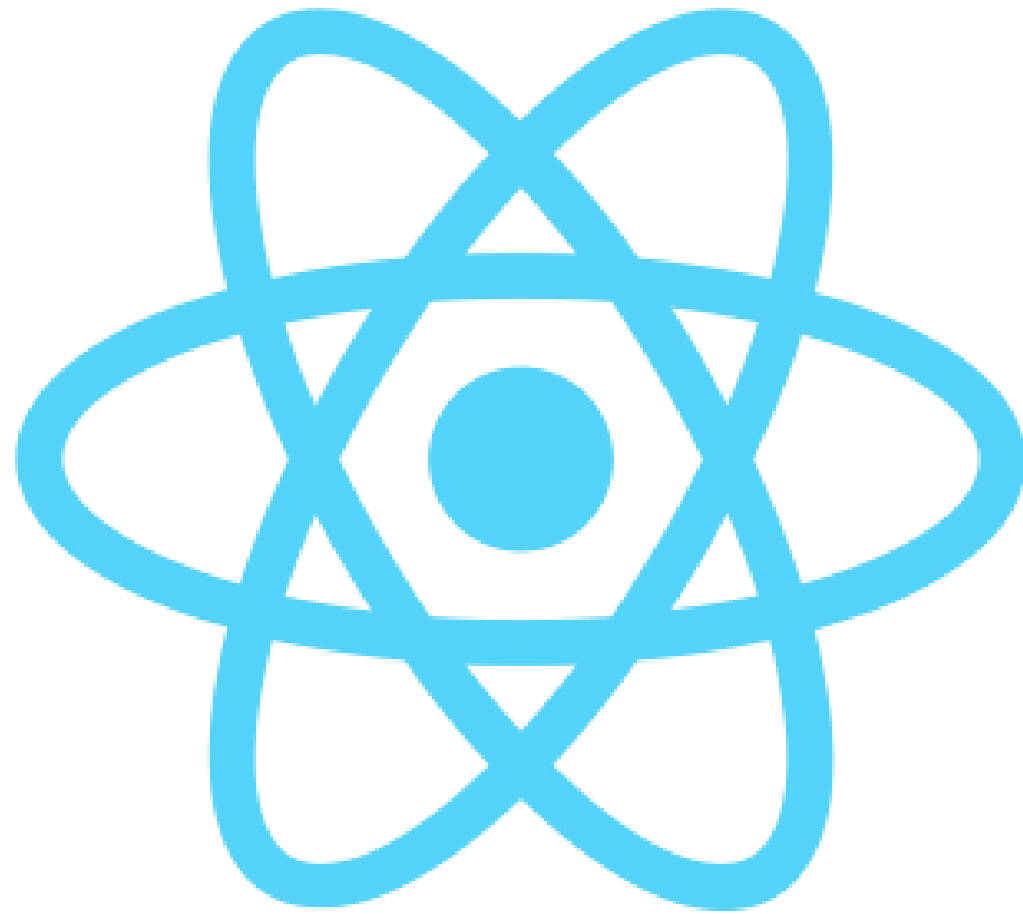
Javascript



Historie




JavaScript, ...



React

Javascriptová aplikace/komponenta musí:

- Zobrazit data 
React
- Uchovávat data
- Získat data

Jiné JS frameworky:

(o kterých jste možná slyšeli)

- Angular 4/5/6
 - Velký framework
 - Předdefinované postupy (Jako u MVC)
 - Pomůže se zobrazováním, uložením, ale i dotáhnutím dat.
 - Dvoucestný (two-way) binding dat
- Vue ...

Angular Example

Hello World with AngularJS



```
<!doctype html>
<html ng-app>
<head>
  <title>Hello World</title>
</head>
<body>
<div>
  <label>Name:</label>
  <input type="text" ng-model="name" placeholder="Enter a name here">
  <hr>
  <h1>Hello {{name}}!</h1>
</div>
<script src="http://code.angularjs.org/1.5.8/angular.min.js"></script>
</body>
</html>
```

Jiné JS frameworky:

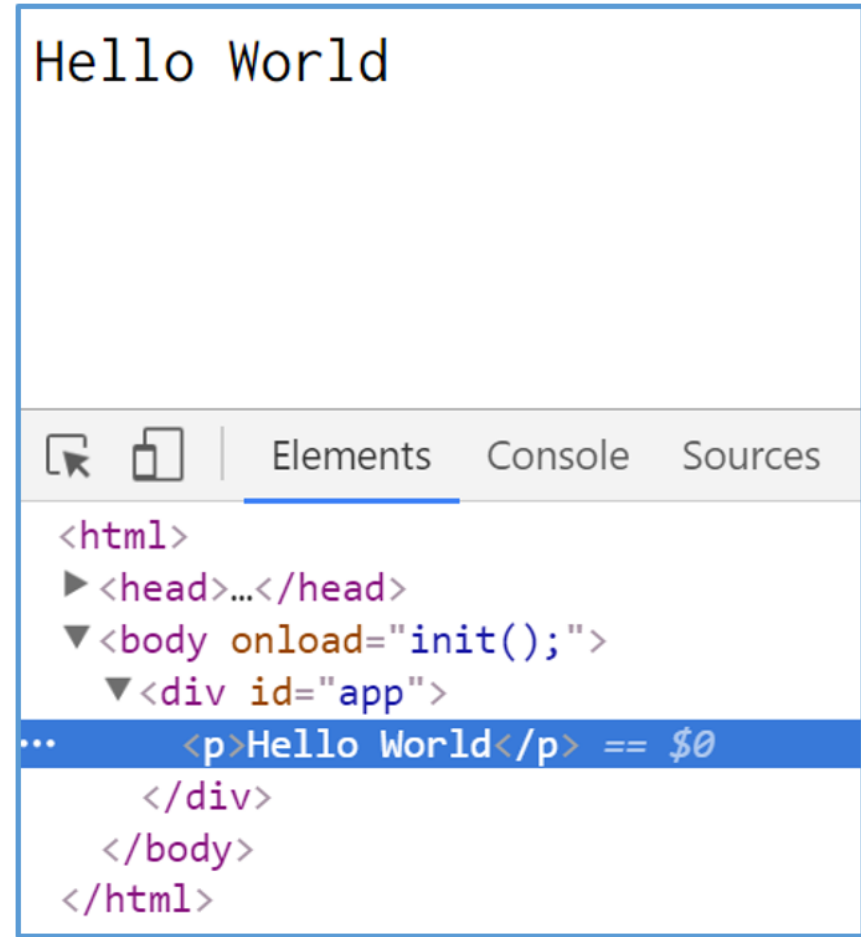
(o kterých jste možná slyšeli)

- Angular ...
- Vue
 - Menší framework
 - Pomůže se zobrazením a ukládáním dat
 - Fluxové data-flow

Vue Example

```
1 <html>
2 <script src="lib/vue.js"></script>
3 <script>
4
5 function init() {
6 jerry = new Vue({
7   el: '#app',
8   data: {
9     message: 'Hello World'
10  }
11 });
12 }
13 </script>
14 <body onload = "init();">
15 <div id="app">
16   <p>{{ message }}</p>
17 </div>
18 </body>
19 </html>
```

Design time



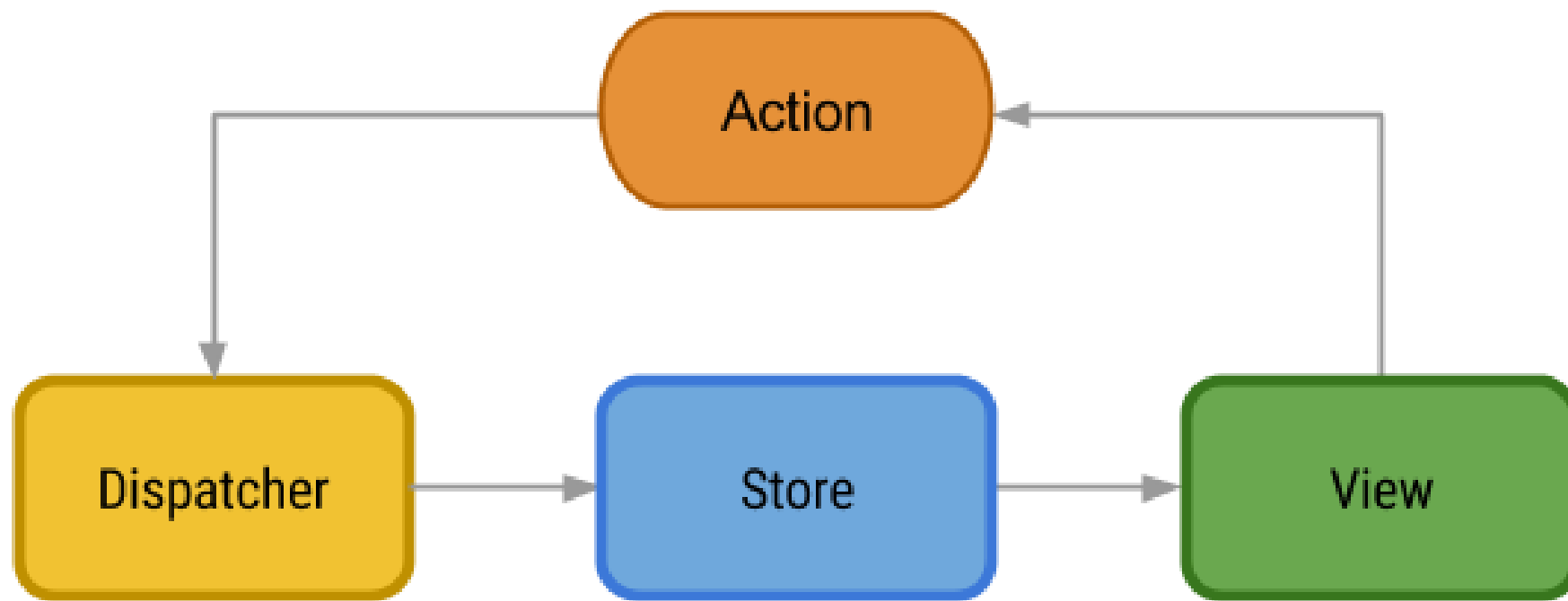
Hello World

Elements Console Sources

```
<html>
  <head>...</head>
  <body onload="init();">
    <div id="app">
      <p>Hello World</p> == $0
    </div>
  </body>
</html>
```

Runtime time

Flux

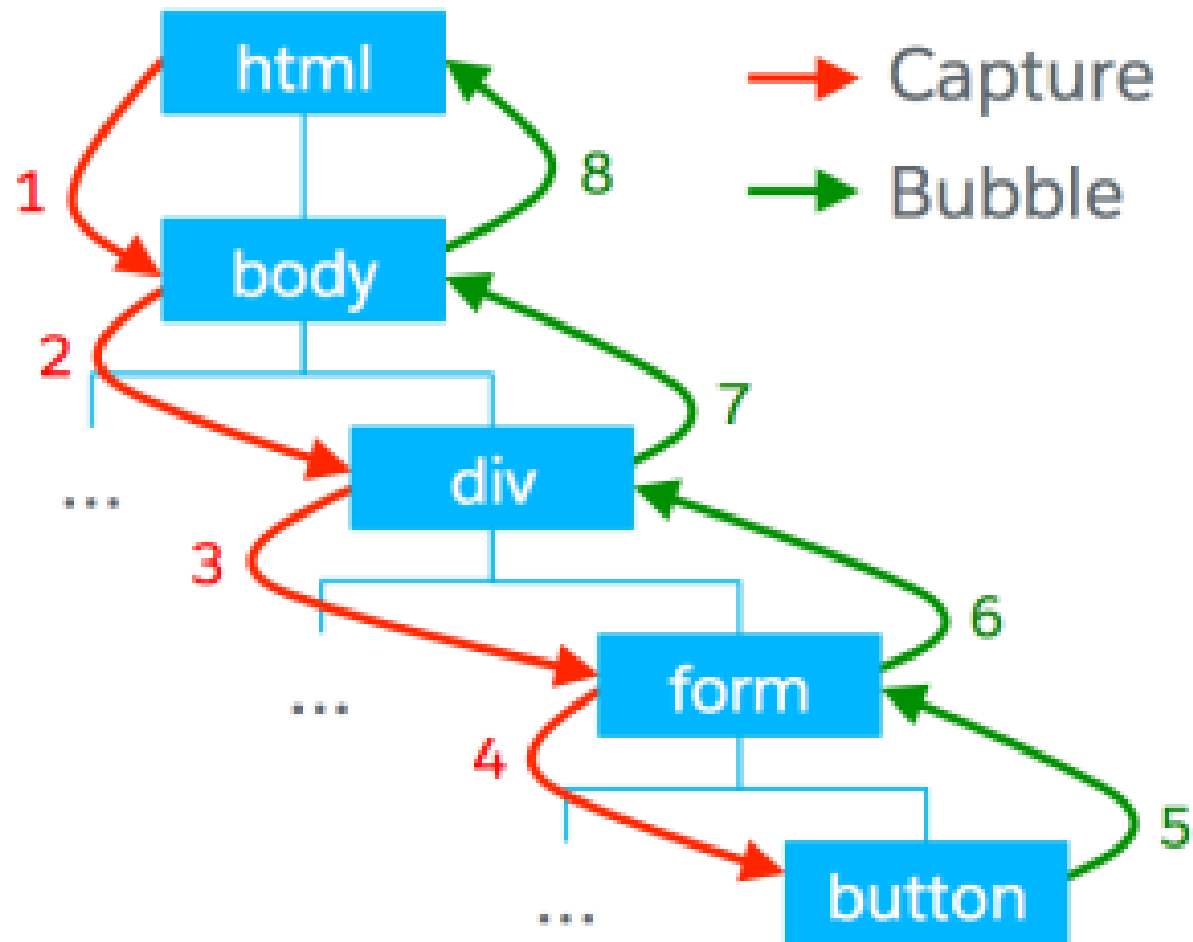


Jak to vlastně vypadá?

The smallest React example looks like this:

```
ReactDOM.render(  
  <h1>Hello, world!</h1>,  
  document.getElementById('root')  
)
```

React to what?



WTF is „this“?

