

Training program:

Reactive programming using React.js, Redux and ES6

Info:

Name:	Reactive programming using React.js, Redux and ES6
Code:	react-React
Category:	React
Target audience:	developers
Duration:	3-5 days
Format:	25% lecture / 75% workshop

Training program

1. React.js + Redux

1.1. Architecture and design

1.2. Real apps

1.2.1. Real projects challenges and problems

1.2.2. Non trivial examples

1.3. Best practices

1.4. Style guides (project structure, conventions and more)

1.5. Common mistakes and how to avoid them

1.6. Best additional external resources

2. React.js

2.1. Architecture

2.2. Building blocks

2.3. Components

2.3.1. Specs (props, state, mixins and more)

2.3.2. Lifecycle

2.4. JSX

2.5. Events system

2.6. Server side rendering

2.7. Unit testing

3. Redux

3.1. Architecture and principles

3.2. Building blocks

3.2.1. Actions

3.2.2. Reducers

3.2.3. Store

3.2.4. Data Flow

3.2.5. Middleware

3.2.6. Async Actions and Flows

3.3. Immutable JS

3.4. Routing

3.5. React.js integration

3.6. Unit testing

4. Modern JS Tools

4.1. Introduction to ECMAScript 6(ES6/ES2015)

4.2. Babel.js transpiler

4.3. Unit testing libraries

4.3.1. Mocha.js

4.3.2. jsdom

4.3.3. Chai.js

4.3.4. Sinon.js