



12. Scripting Language

12.6 React JS

Prerequisites:

1. HTML CSS
2. JavaScript

Duration: 30 Lectures

Course Content:

1. Introduction

- 1.1. Origins of React
- 1.2. Getting hold of everything you need to start coding
- 1.3. React.js Syntax
- 1.4. Overview of JSX and why you should use it

2. React Components

- 2.1. Writing your first React.js component
- 2.2. React component Properties
- 2.3. Component Lifecycle
- 2.4. Mounting Components
- 2.5. Updating Components
- 2.6. Setting Properties

3. JSX

- 3.1. JSX Basics
- 3.2. Rendering HTML
- 3.3. Rendering React Components
- 3.4. Namespaced Components
- 3.5. Expressions & Attributes



4. Flux

- 4.1. Flux Application Architecture
- 4.2. Flux is not MVC!
- 4.3. Structure
- 4.4. Data Flow
- 4.5. Action, Dispatcher, Store & View
- 4.6. Views & Controller-Views

5. Event Handling in React

- 5.1. React.js Event Handlers
- 5.2. SyntheticEvent
- 5.3. Key Events
- 5.4. Event Pooling

6. Creating a dynamic UI in React

- 6.1. React Stateful Components
- 6.2. Keeping components stateless
- 6.3. Autobinding
- 6.4. Event Delegation

7. Integration with other libraries

- 7.1. React with jQuery
- 7.2. React & AJAX
- 7.3. Gulp & Browserify

8. React Server Integration & Deployment

- 8.1. npm
- 8.2. httpster