

Backbone JS - COURSE CONTENT

Ch1: Introduction

- ☐ Brief History of JS
- ☐ Backbone Dependencies: jQuery
- ☐ jQuery Review
- ☐ Backbone Dependencies: Underscore
- ☐ Underscore Review
- ☐ Single Page Applications
- ☐ Understanding MVC principles
- ☐ Model-View-Presenter Architecture
- ☐ Philosophy, Usage and convention

Ch2: Core Backbone Components

- ☐ Models
- ☐ Collections
- ☐ Custom Events
- ☐ RESTful architecture “ Backbone way
- ☐ Prototypal Inheritance and Extension
- ☐ Backbone components event system

Ch3: Backbone Project Setup & Dependencies

- ☐ Model Collection and View
- ☐ Application View
- ☐ Summarizing the functionality
- ☐ Additional Features

Ch4: Models

- ☐ Models In-Depth
- ☐ Model.parse & Model.toJSON
- ☐ Defining Models
- ☐ Using RESTful APIs

Ch5: Views & Templates

- ☐ Versatile Views
- ☐ Rendering Templates
- ☐ DOM Events and Memory Management
- ☐ Responsible Rendering

Ch6: Collections

- ☐ Creating Collections
- ☐ Adding & Removing Data
- ☐ Retrieving Model Data
- ☐ Syncing Data with the Server

Ch7: Routing

- ☐ Routing Background
- ☐ Backbone Router

- ☐ Router Code
- ☐ Backbone API Project Introduction

Ch8: Testing in Backbone

- ☐ Writing Tests
- ☐ Using Sinon.js
- ☐ Testing Event Handlers
- ☐ Testing views