













Overview

Week 1

Week 2

Week 3

Week 4

Grades

Notes

Discussion Forums

Messages

Course Info

Week 3

Front-End Web Development with React

Week 3

Discuss this week's modules here.

1376 threads · Last post 8 hours ago

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React Forms, Flow Architecture and Introduction to Redux



Jogesh K. Muppala

In this module you will be introduced to uncontrolled and controlled forms and briefly examine form validation in React applications. You will get an overview of the Flux architecture and introduced to Redux as a way of realizing the flux architecture

Learning Objectives

- Create uncontrolled React forms
- Create controlled forms and perform form validation
- Discuss the features of the Flux architecture
- Explain the Redux approach to implementing a variant of the Flow architecture

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Coursera Lab Sandbox BETA



- Easily launch Coursera's preconfigured environment for React programming
- Get access to all dependencies (libraries and packages) for VSCode—no local software installation required
- Practice React programming, run test cases, and work on assignments from your browser



Open Lab Sandbox

Controlled Forms

- Reading: Controlled Forms: Objectives and Oute 10 min
- ▶ Video: Controlled Forms 5 min

- ▶ Video: Exercise (Video): Controlled Forms 35 min
- Reading: Exercise (Instructions): Controlled Forms 10 min
- ▶ Video: Exercise (Video): Controlled Form Validation 23 min
- Reading: Exercise (Instructions): Controlled Form Validation 10 min
- Reading: Controlled Forms: Additional Resources 10 min

Uncontrolled Forms

- Reading: Uncontrolled Forms: Objectives and Outcomes 10 min
- **▶ Video:** Uncontrolled Components 2 min
- ▶ Video: Exercise (Video): Uncontrolled Forms 17 min
- Reading: Exercise (Instructions): Uncontrolled Forms 10 min
- Reading: Uncontrolled Forms: Additional Resources 10 min

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Introduction to Redux	
(11)	Reading: Introduction to Redux: Objectives and Outcomes 10 min
•	Video: The Model-View-Controller Framework 7 min
•	Video: The Flux Architecture 11 min
lacksquare	Video: Introduction to Redux 20 min
lacksquare	Video: Exercise (Video): Introduction to Redux 23 min
(11)	Reading: Exercise (Instructions): Introduction to Redux 10 min
	Reading: Introduction to Redux: Additional Resources 10 min
React Redux Form Reading: React Redux Form: Objectives and Outcomes 10 min	
lacksquare	Video: React Redux Forms 4 min
(b)	Video: Exercise (Video): React Redux Form 13 min
	Reading: Exercise (Instructions): React Redux Form 10 min
(b)	Video: Exercise (Video): React Redux Form Validation 15 min
(11)	Reading: Exercise (Instructions): React Redux Form Validation 10 min
<u></u>	Reading: React Redux Form: Additional Resources 10 min
Assignment 3: React Forms and Redux	
•	Video: Assignment 3: React Forms and Redux 5 min
	Peer-graded Assignment: React Forms and Redux 1h Due Sep 20, 1:59 AM CDT
P	Review Your Peers: React Forms and Redux
	Reading: Assignment 3: React Forms and Redux: Additional Resources 10 min