



Adobe Experience Manager

Develop Single-Page Applications with React

Course description: Develop Single-Page Applications with React in AEM is a 2-day, instructor-led (classroom or virtual) course, formerly known as Getting Started with Single-Page App Editor v6, and is relevant for all deployment methods.

The course covers the end-to-end development of a Single-Page Application (SPA) using the Adobe Experience Manager (AEM) SPA framework in React JS, allowing content authors to edit SPA pages within AEM. In addition, this course is designed to teach you about AEM developer SPA framework foundational topics, such as React component mapping, front-end development tools and project setup, application routing, and rapid development. This course also covers the basics of GraphQL from a Remote SPA app and how to use GraphQL to test GraphQL queries in AEM.

Valid for these deployments:

- Cloud Service
- Managed Services
- On-Premise

Prerequisites: Experience with AEM front-end development

Target audience: AEM developers and Single-Page Application developers

Objectives

After completing this course, you will be able to:

- Install the AEM SPA Editor JS SDK and implement React components for both image and text components
- Modify JS and CSS files and see those changes reflected in real time in the browser
- Develop SPA Model Routing to allow navigation between different views of the app
- Query Content Fragments from a SPA app using GraphQL

Course Materials

- Develop Single-Page Applications with React in AEM Student Guide

TOPICS

- Overview
- SPA Editor Project
 - › Build the Project
- Integrate the SPA
 - › Inspect the SPA Integration
 - › Add a Header Component
 - › Proxy the JSON API
- Map SPA Components
 - › Inspect the Text Component
 - › Create the Image Component
 - › Update Policies in AEM
- Navigation and Routing
 - › Implement Navigation
 - › Inspect Spa Routing
- Create a Custom Component
 - › Define the AEM Component
 - › Create the Sling Model
- Extend Component
 - › Inspect Initial Card Implementation
 - › Author Initial Card Component
 - › Update Card Sling Model
- GraphQL and Remote SPA
 - › GraphQL APIs for Content Fragments
 - › Querying from External React App

Start Learning Today

Global (except EMEA): 877-722-7088 (phone) • 801-406-4566 (fax) • adls@adobe.com
EMEA: phone +44 (0)1784 476556, ext 256 • fax +44 (0) 1784 476501 • adlsemea@adobe.com
learning.adobe.com