



Adobe Experience Manager

Sites: Developer 6.x

Course description: AEM Sites: Developer training teaches the fundamentals of building a custom AEM website based on templates and components. It provides conceptual information on JCR, web framework, and OSGi framework. Using CRXDE Lite, students will develop a custom website while reinforcing the fundamental concepts, such as components, templates, dynamic image rendering, navigation, and modularization. It also provides an overview of mobile sites.

Target audience: This course is designed for developers who want to learn more about application development with the AEM Sites.

Note: 6.x supports both 6.0 and 6.1 product versions.

This course has deep coverage on Sightly—the templating language that helps front-end developers to quickly develop components.

Prerequisites

Software Requirements

Before the class begins, participants are required to install Creative Cloud on their systems and sign up for a free account.

Skill Requirements

Participants must have a minimum two years of experience in web development. Additionally, they would require the following skill sets:

- Experience in HTML, CSS, DHTML
- Java (optional)
- JavaScript in client side environment

Objectives

After completing this course, you should be able to:

- Develop applications with AEM Sites
- Create and understand basic Adobe Experience Manager (AEM) development practices

Course materials

- AEM Sites: Developer Training Student Workbook

Agenda: Day 1

- Getting Started
- Content Repository
- Jackrabbit Oak
- Web Framework
- REST
- Development Tools
- Templating Languages

Agenda: Day 2

- Create a Website
- Structuring the website
- Page Rendering
- Sightly Template
- Designs
- Dynamic Top Navigation
- Extend the Paragraph System Component

Agenda: Day 3

- Create Dialog Boxes
- Create Dialog Boxes for Global Content
- Enhance the Component
- Use Foundation Components
- Include a Breadcrumb
- Add Client Libraries
- Create Mobile Websites

Agenda: Day 4

- Create Complex Components
- End User Search
- Using jQuery With Apache Sling
- Workflow
- Performance Consideration
- AEM Deployment
- Extract for Brackets

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