



Adobe® CQ 6®

AEM Sites: Developer

Duration: 4 Days | 32 Hrs



Course Description:

AEM Sites: Developer Training teaches the fundamentals of building a custom AEM website based on templates and components. It provides with the 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.

AEM 6.0 has deep coverage on Sightly — the new templating language that helps front-end developers to quickly develop components.

Target audience:

The AEM: Developer class is designed for developers who wish to learn more about application development with the AEM Sites.

Prerequisites:

- A minimum of 2 years experience in web development including experience with HTML, CSS, and DHTML
- Strong knowledge and experience with JavaScript in the client side environment
- Advanced knowledge of Object Oriented Programming (preferably Java)
- Some exposure to basic authoring operations with AEM. Review all of the CQ5 feature tour screencasts on: <https://www.day.com/content/day/en/resources/video/wcm.html>

Participants should also know the following:

- Relationship between template and page-rendering component
- Major functionality of the jcr:content child of the cq:Page node
- Adding component to the list of available components

Objective:

The overall goal of this training is to enable developers to create and understand basic AEM development practices and to prepare themselves for project work under the lead of a senior web developer. This course is not intended to provide any custom instruction focused on specific sites or projects.

Agenda: Day 1

Morning Session (9 a.m. - noon)

- Getting Started
- Content Repository
- Apache Jackrabbit Oak

Afternoon Session (1–5 p.m.)

- Web Framework
- REST
- Sightly
- Bracket plugin

Agenda: Day 2

Morning Session (9 a.m. - noon)

- Create a website
- Structure
- Modularize
- Templates
- Page rendering

Afternoon Session (1–5 p.m.)

- Sightly template
- Designs
- Dynamic top navigation
- Extend paragraph system

Agenda: Day 3

Morning Session (9 a.m. - noon)

- Create dialog boxes
- Create dialog boxes for global content

- Enhance the component

Afternoon Session (1–5 p.m.)

- Use foundation components
- Include breadcrumb
- Add client libraries
- Create mobile websites

Agenda: Day 4

Morning Session (9 a.m. - noon)

- Create complex components
- End user search
- Using jQuery with Apache Sling

Afternoon Session (1–5 p.m.)

- Workflow
- Package Manager
- Performance consideration
- AEM Deployment

Start Learning Today

✉ ct@teknopoint.in

