

AEM Training - Day 2 Assignment (19-03-2025)

1. What is DAM and Why Do We Use It?

Answer:

DAM (Digital Asset Management) is a system within AEM used to store, manage, and efficiently retrieve digital assets such as images, videos, and documents.

2. Create a Folder Inside Our Project Folder and Follow the Path:

Steps:

Access the DAM console: <http://localhost:4502/assets.html/content/dam>.

Create a new folder under /content/dam/.

Upload two images to /us/en-us.

Use the Image Component on a page to display the images.

3. What are Renditions?

Answer:

Renditions are automatically generated versions of an uploaded asset, created in different sizes and formats to optimize performance.

Steps to Check Renditions:

Open the AEM DAM Console.

Select the uploaded image.

Navigate to Properties → Renditions Tab.

View the generated renditions such as thumbnails and web-optimized images.

4. Add Two Fields in HelloWorld Component:

Steps:

Open CRXDE Lite: <http://localhost:4502/crx/de/>.

Go to apps/gowthamxeno/components/helloworld.

Add firstName and lastName fields to the cq:dialog.

Display the values in helloWorld.html using properties.

5. Try Using @ValueMapValue Annotation:

Steps:

Open HelloWorldModel.java.

Add the @ValueMapValue annotation to firstName and lastName.

6. Why Do We Use Package Manager and JAR?

Answer:

The Package Manager in AEM is utilized for creating, installing, and transferring content packages between different environments, such as from author to publish instances.

Steps to Create Packages:

Open the Package Manager: <http://localhost:4502/crx/packmgr/index.jsp>.

Create two packages:

- DAM Package (Images from /content/dam/gowthamxeno/us/en-us).
- HelloWorld Component Package (Component from /apps/gowthamxeno/components/helloworld).

Build and download the packages.

7. Configure Replication Agent and Publish the Page:

Steps:

Open Replication Agents in AEM:

<http://localhost:4502/etc/replication/agents.author.html>.

Select the Default Agent and configure it with the publish environment URL (4503).

Click Test Connection to verify connectivity.

Publish the page from 4502 → 4503.

Open the published page: <http://localhost:4503/content/gowthamxeno/us/en.html>.

Screenshots:



