

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

What is DAM and Why Do We Use It?

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

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.

What are Renditions?

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.

Add Two Fields in HelloWorld Component:

Steps:

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

Go to apps/myTraining/components/helloworld.

Add firstName and lastName fields to the cq:dialog.

Display the values in helloWorld.html using properties.

Try Using @ValueMapValue Annotation:

Steps:

Open HelloWorldModel.java.

Add the @ValueMapValue annotation to firstName and lastName.

Why Do We Use Package Manager and JAR?

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/myTraining/us/en-us).

HelloWorld Component Package (Component from /apps/myTraining/components/helloworld).

Build and download the packages.

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/myTraining/us/en.html>.

Screenshots:



