

ch1. What is DAM and why do we use it?

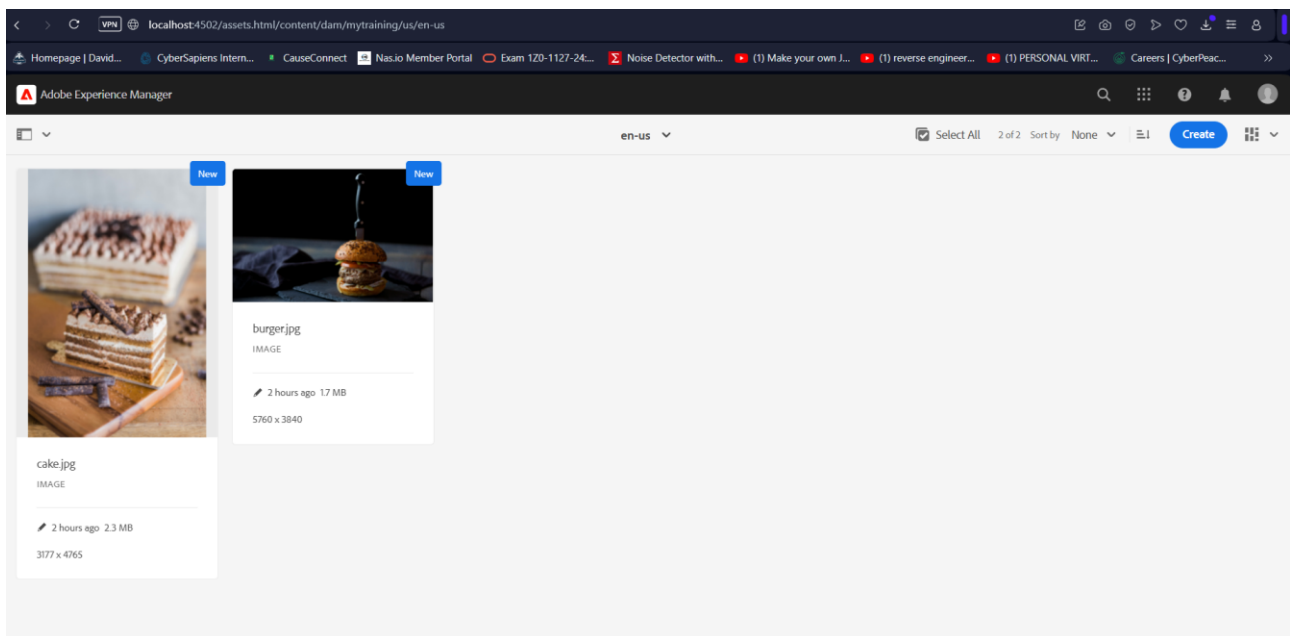
DAM (Digital Asset Management) is a system within AEM that helps store, manage, and deliver digital assets like images, videos, documents, and other media files.

Why we use DAM:

- Centralized storage for assets.
- Supports metadata management, tagging, and versioning.
- Enables asset renditions for different devices.
- Helps in content reuse across multiple pages and projects.

2. Create one folder inside our project folder and follow the path:

“/content/dam/myTraining/us/en-us” and upload 2 images and author those images on page using image component as we see today.



3 What is renditions? Check the renditions for 2 images which we had uploaded

Renditions are different versions of an image generated automatically when an image is uploaded to DAM. These renditions are used for optimized delivery across different screen sizes and resolutions.

Steps to check renditions:

1. Navigate to **AEM Assets** and find the uploaded image.
2. Click on the image to open its **Properties**.
3. Go to the **Renditions** tab to see different image versions


cake.jpg

CancelSave & Close

Share Link

Download

Checkout



cake.jpg

Metadata

Title

cake

Description

Delicious Cake

Type

image/jpeg

Language

English

Tags

Created

03-31-2025 17:01

Creator Tool

4.Add two fields in hello world component with name FirstName and Last Name and print the values on hello world.html component using properties

The screenshot shows the CRXDE Lite web interface. The left sidebar displays a file tree with the following structure:

- apps
 - dam
 - msm
 - myTraining
 - components
 - helloworld
 - cq:dialog
 - helloworld.html
 - jcr:content
 - rep:policy
 - settings
 - system
 - wcm
- bin
- conf
- content
- etc
- home
- jcr:system
- libs
- oak:index
- rep.policy
- rep.repoPolicy
- system
- tmp
- var

The main editor area shows the content of `helloworld.html`:

```

1 <div>
2   <h2>First Name: ${properties.firstName}</h2>
3   <h2>Last Name: ${properties.lastName}</h2>
4 </div>
5

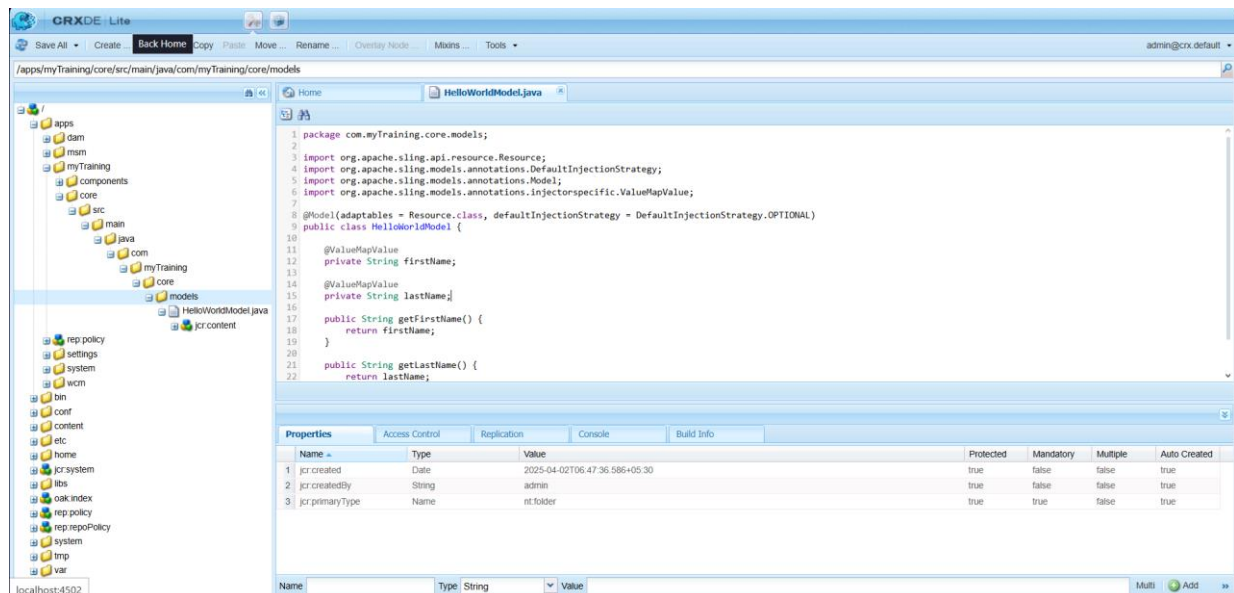
```

Below the editor, the 'Properties' tab is active, displaying a table of properties:

Name	Type	Value	Protected	Mandatory	Multiple
1 jcr:created	Date	202...	true	false	false
2 jcr:createdBy	String	admin	true	false	false
3 jcr:primaryType	Name	nt:file	true	true	false

At the bottom, there is a form to add a new property with fields for Name, Type (String), Value, and Multi.

5. Give try using @ValueMapValue annotation on HelloWorldModel sling java model “com.myTraining.core.models.HelloWorldModel”



6. Why we are using package manager and jar create package for the hello world component and 2 images what we have uploaded There should be 2 packages 1 for dam which is images and 2 one is for helloworld component

