

Date:19-03-25

1. What is DAM and why we use it?

**Digital Asset Management (DAM)** in Adobe Experience Manager (AEM) is a system for storing, organizing, and retrieving digital assets like images, videos, and documents. It helps manage content efficiently by providing **version control, metadata tagging, and workflow automation**. DAM ensures better collaboration, improves brand consistency, and enhances asset discoverability across teams and platforms.

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**

- **Create Folder** – Go to **Assets > Files**, navigate to `/content/dam/`, and create `myTraining/us/en-us`.

- **Upload Images** – Open the folder, click **Upload**, and select two images from your system.

- **Add Images to Page** – Open the page, drag the **Image Component**, choose the assets from DAM, configure settings, and save.

3. What are Renditions

**Renditions** are different variations of an asset (like images or videos) automatically generated when uploaded to **Digital Asset Management (DAM)**. They help in optimizing assets for different use cases, such as thumbnails, web-friendly versions, or high-resolution downloads.

4. Add FirstName and LastName Fields in HelloWorld Component

Steps:

- a. Access the **HelloWorld component** dialog in the **AEM Component Editor**.
- b. Insert two fields:

- **First Name** (`firstName`)
- **Last Name** (`lastName`)

- c. Update `helloworld.html` to display these values using **properties**.

**Example helloworld.html:**

```
<p>First Name: ${properties.firstName}</p>
<p>Last Name: ${properties.lastName}</p>
```

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

Modify your model to use @ValueMapValue:

```
package com.myTraining.core.models;

import org.apache.sling.api.resource.Resource;

import org.apache.sling.models.annotations.Model;

import org.apache.sling.models.annotations.injectorspecific.ValueMapValue;

@Model(adaptables = Resource.class)

public class HelloWorldModel {

    @ValueMapValue

    private String firstName;

    @ValueMapValue

    private String lastName;

    public String getFirstName() {

        return firstName;

    }

    public String getLastName() {

        return lastName;

    }

}
```

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 ?**

In **Adobe Experience Manager (AEM)**, the **Package Manager** is used to create, manage, and deploy content packages efficiently. It helps in bundling components, assets, and configurations into **ZIP-based packages**, making them easy to transfer between environments.

**Steps to Create Packages for HelloWorld Component & DAM Images**

**1. Create Package for DAM (Images)**

- **Open AEM Package Manager** (<http://localhost:4502/crx/packmgr>).

- Click **Create Package** → Name it **dam-package**.

- Under **Filters**, add the path:

**/content/dam/myTraining/us/en-us**

- Click **Build & Download** – This package contains your uploaded images.

## 2. Create Package for HelloWorld Component

- Go back to **Package Manager** and click **Create Package**.

- Name it **helloworld-package**.

- Under **Filters**, add:

**/apps/myTraining/components/helloworld**

- Click **Build & Download** – This package now contains the HelloWorld component.

The screenshot shows the CRXDE Lite interface. On the left is a file explorer showing the package structure. The main area displays the package details for 'newsroom\_page'.

**Package Structure (Left):**

- /
  - apps
  - bin
  - conf
  - content
    - cq.graphql
    - rep.policy
    - dam
    - campaigns
    - projects
    - experience-fragments
    - outbound-marketing
    - cq.tags
    - usergenerated
    - launches
    - myTraining
      - jcr:content
        - us
          - jcr:content
            - on
              - news-room
                - jcr:content
                  - root
                    - container
                      - newsroom\_page

**Package Details (Main):**

CRXDE | Lite  
Content Repository Extreme Development Environment Lite

Enter search term to search in /apps and /libs


**Repository Info:**  
Apache Jackrabbit 2.0.230927085  
The Apache Software Foundation

**Developer Resources:**  
Documentation  
Developer Blog  
Knowledge Base

**Support:**  
Homepage  
Support Center

| Name                 | Type   | Value                         | Protected | Mandatory | Multiplicity |
|----------------------|--------|-------------------------------|-----------|-----------|--------------|
| 1 defaultNewsImage   | String | f-ai Consultant.jpg           | false     | false     | false        |
| 2 jcr:created        | Date   | 2025-03-23T23:04:49.061+05:30 | false     | false     | false        |
| 3 jcr:createdBy      | String | admin                         | false     | false     | false        |
| 4 jcr:lastModified   | Date   | 2025-03-23T23:06:47.686+05:30 | false     | false     | false        |
| 5 jcr:lastModifiedBy | String | admin                         | false     | false     | false        |

myTraining



Search

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## Epic Journey

Don't stop half way, go for the top!

First Name:

Last Name:

## Epic Journey

Don't stop half way, go for the top!

## Epic Journey

Don't stop half way, go for the top!

## News

Criminal topic news


java.util.GregorianCalendar[time=1742322600000,areFieldsSet=true,areAllFieldsSet=true,lenient=false,zone=sun.util.calendar.ZoneInfo[id="GMT+05:30",offset=19800000,dstSavings=

Source:


- Source:



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 Adobe Experience Manager

Q







Navigation




Projects




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Assets



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Content Fragments