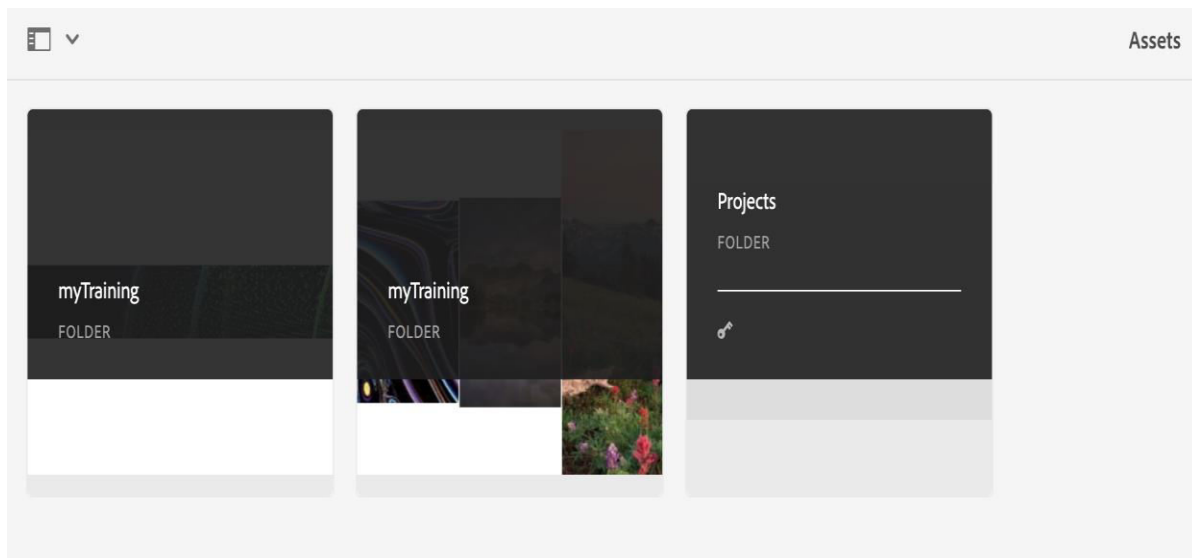# 1.What is DAM and why we use it?
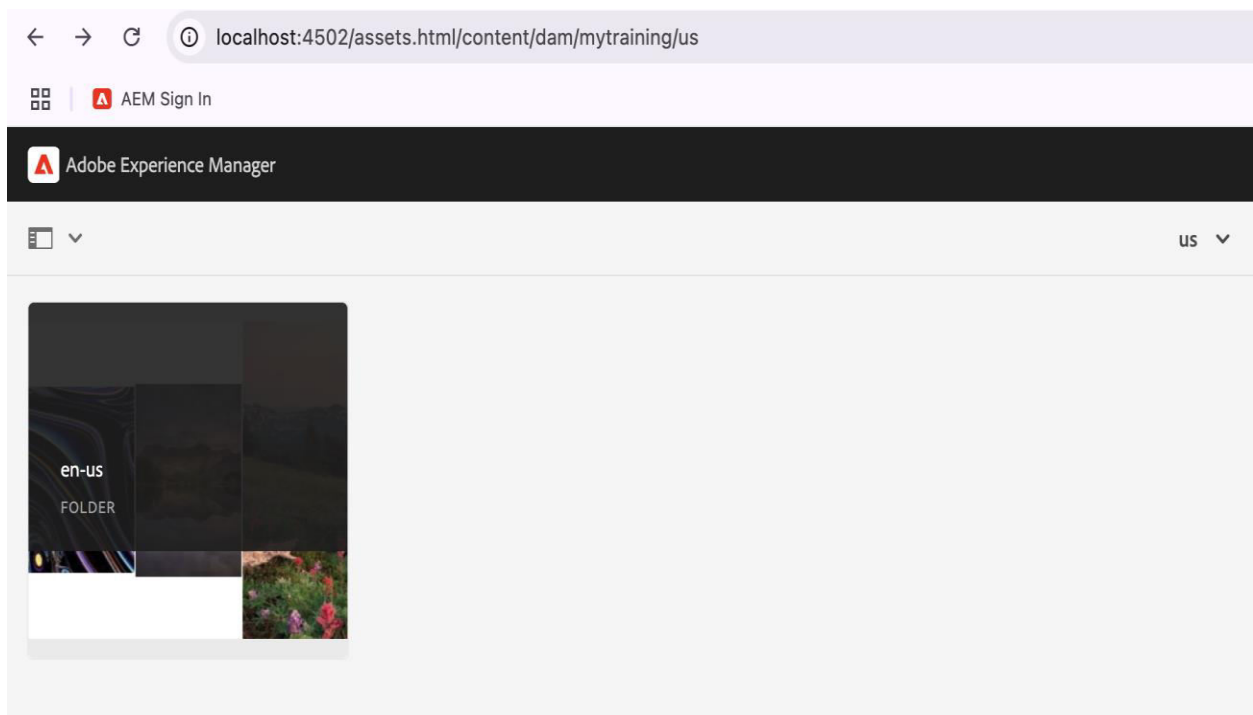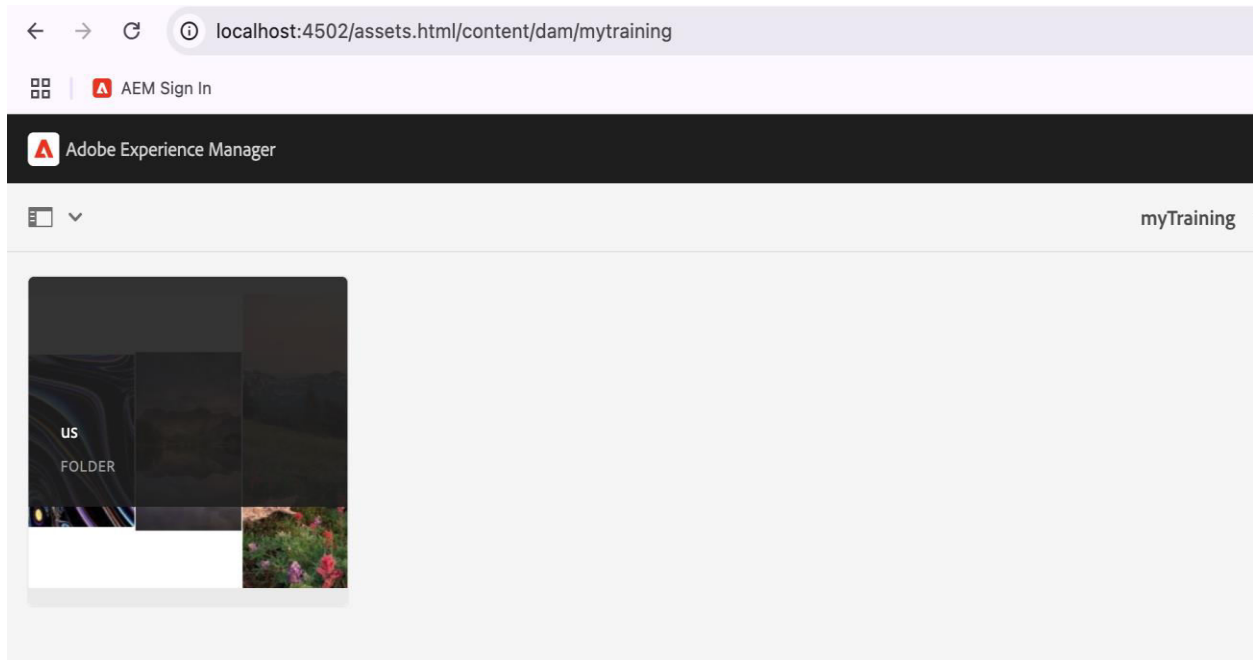
DAM (Digital Asset Management) in AEM is a system for storing, managing, and delivering digital assets like images, videos, documents, and more.

Why use DAM?

- **Centralized Storage**: Organizes all digital assets in a structured repository.
- **Metadata Management**: Allows tagging, descriptions, and categorization of assets for easy retrieval.
- **Renditions**: Automatically generates different sizes/formats of an image.
- **Version Control**: Tracks changes and previous versions of assets.
- **Integration with AEM**: Assets can be easily used in components/pages.

2Create 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 s as we see today.

AEM Sign In

Adobe Experience Manager

myTraining

us
FOLDER

AEM Sign In

Adobe Experience Manager

us ˅

en-us
FOLDER

Adobe Experience Manager

New

image2.png

IMAGE
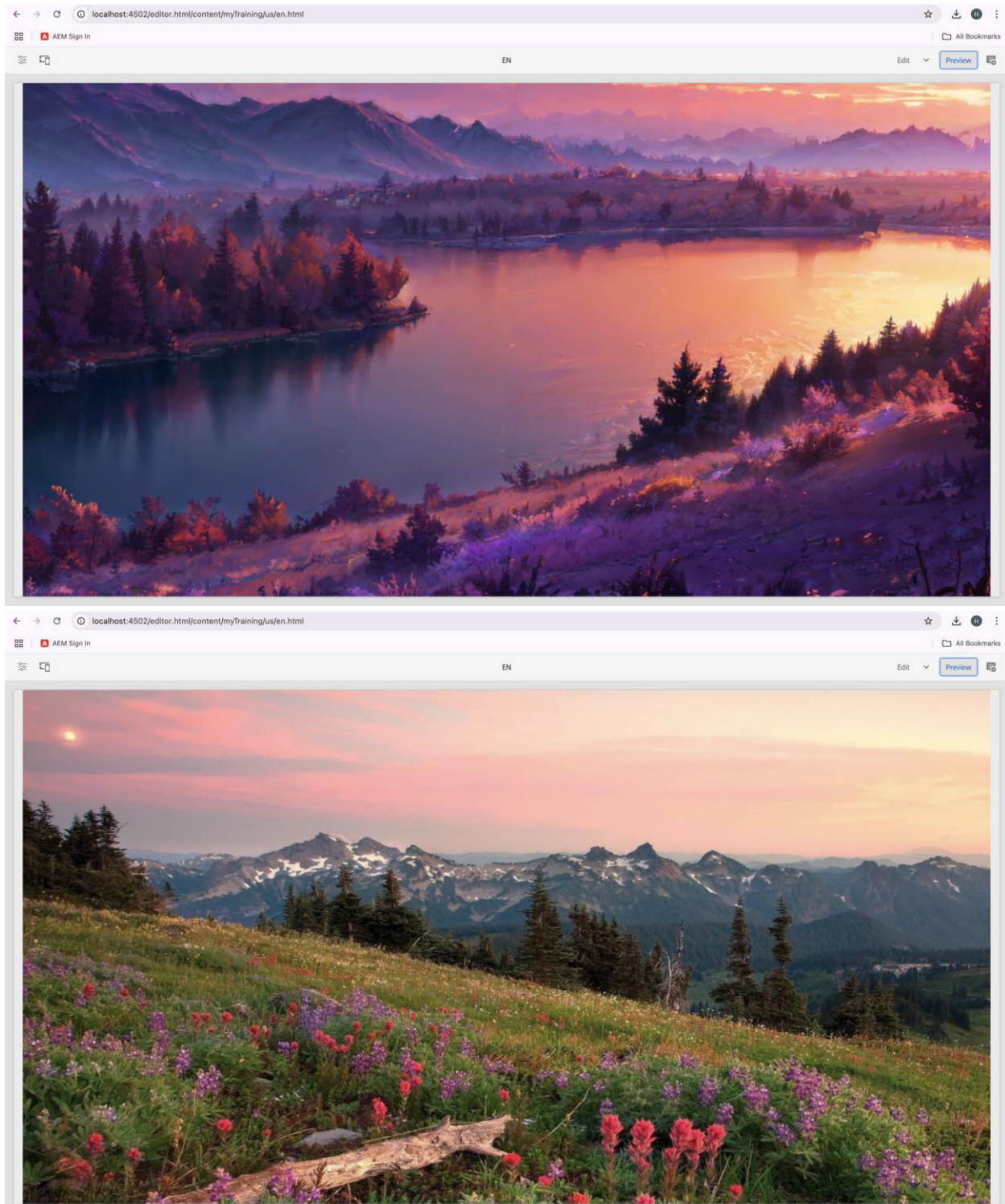
✏ 5 minutes ago 10.2 MB

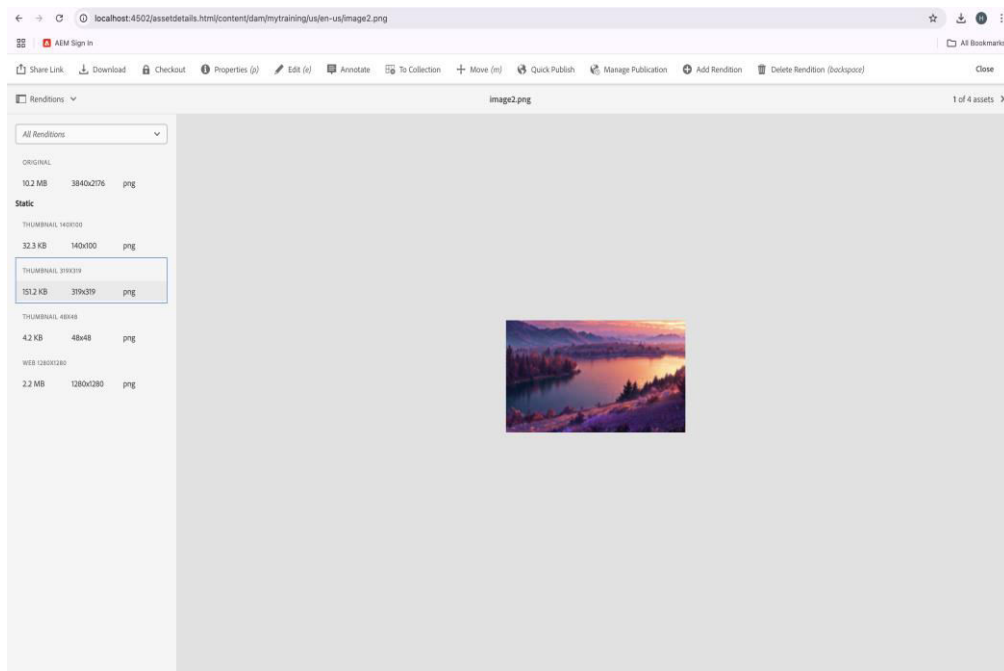3840 x 2176

New

image1.jpg

IMAGE

✏ 6 minutes ago 487.3 KB

2000 x 1302

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

Renditions in AEM are different variations of an image automatically generated when an asset is uploaded to DAM. They help optimize images for different devices and screen sizes.
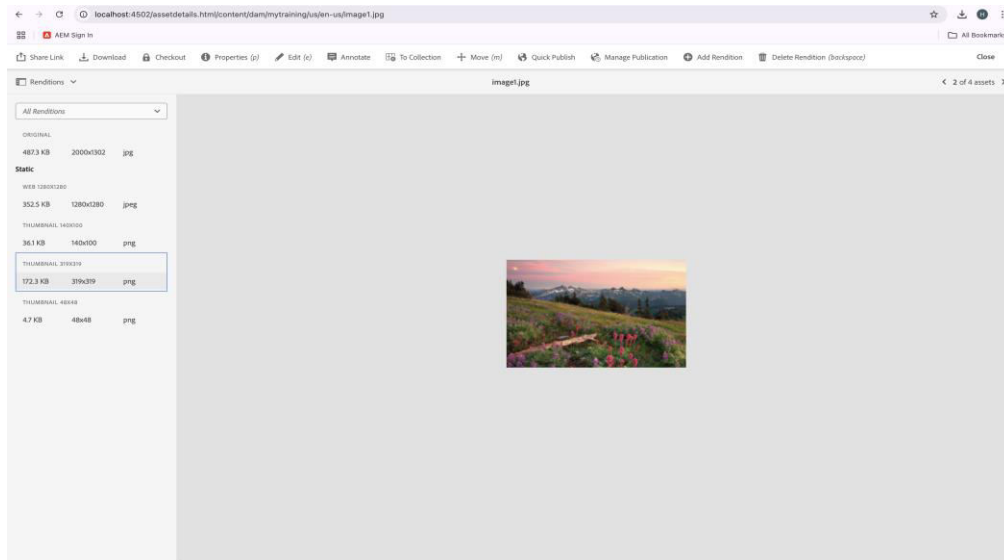
4.Add two fields in hello world component with name FirstName and Last Name and print the values on hello world.html component using properties
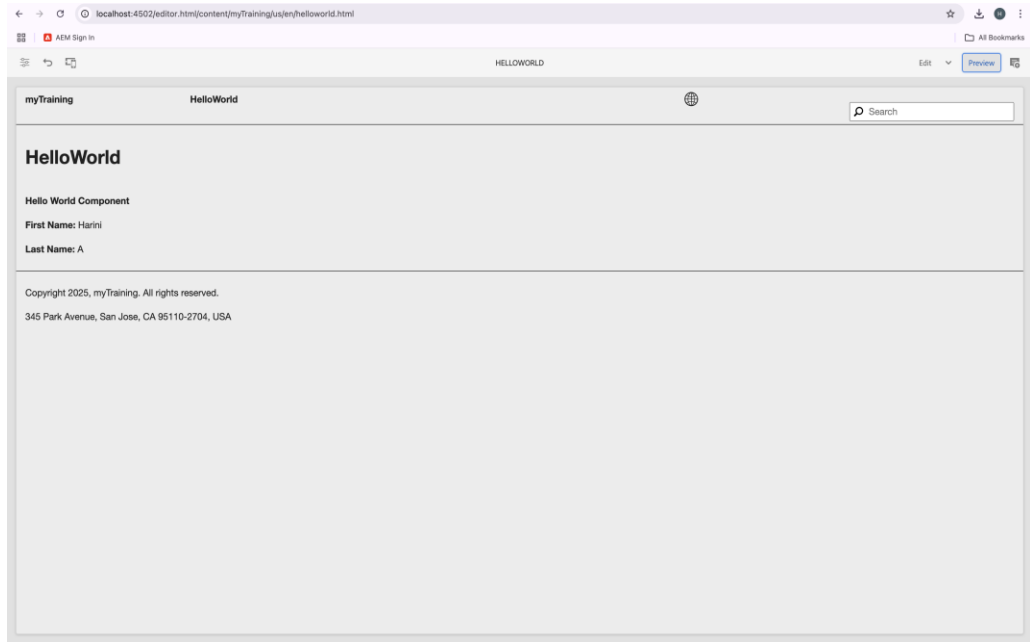
5. Give try using @ValueMapValue annotation on HelloWorldModel sling java model "com.myTraining.core.models.HelloWorldModel"

```
  Project ∨              ©  HelloWorldModel.java  ×      ©  HelloWorldModelTest.java        <>

                    1    >  /.../
                   16       package com.myTraining.core.models;
                   17
                   18    > import ...
                   35
                   ●        @Model(adaptables = Resource.class)  3 usages
                   37       public class HelloWorldModel {
                   38
                   39           @ValueMapValue  1 usage
                   40           private String firstName;
                   41       |
                   42           @ValueMapValue  1 usage
                   43           private String lastName;
                   44
                   45           public String getFirstName() {  no usages
                   46               return firstName;
                   47           }
                   48
                   49           public String getLastName() {  no usages
                   50               return lastName;
                   51           }
                   52       }
                   53
```

6.Why we are using package manager

AEM Package Manager is used for:

- **Deploying content & code** across different environments.
- **Creating backups** of components, configurations, and assets.
- **Easier migration** of assets between AEM instances.

CRX · Package Manager

🔄 Reset | Search packages 🔍 | 🔄 Create Package   Upload Package | Administrator@crx.default ▾

Sort by
Last used
Name
Last modified
Installation date
Recently added

Show
All packages
New packages
Installed/Built

Groups
All packages (120)
Adobe (1)
Adobe (58)
com.adobe.aem.graphiql (1)
com.adobe.cq (2)
com.adobe.cq.inbox (1)
com.adobe.reef (1)
com.myTraining (6)
day (49)
my_packages (1)
sling

helloworld-component-package.zip
Build: 1 | Last built 19:02 | admin   🟩 OK | 3.5 KB

Edit   Build   Install   Download   More ▾

Package: helloworld-component-package
Download: helloworld-component-package.zip (3.5 KB)
Group: com.myTraining
Filters:

dam-images-package-myTraining.zip
Version: myTraining | Build: 1 | Last built 19:00 | admin   🟩 OK | 3.5 KB

myTraining.ui.content-1.0.0-SNAPSHOT.zip
Version: 1.0.0-SNAPSHOT | Last installed 18:22 | admin   🟩 OK | 180 KB
UI content package for myTraining

myTraining.ui.config-1.0.0-SNAPSHOT.zip
Version: 1.0.0-SNAPSHOT | Last installed 18:22 | admin   🟩 OK | 10.3 KB
UI config package for myTraining

myTraining.ui.apps-1.0.0-SNAPSHOT.zip
Version: 1.0.0-SNAPSHOT | Last installed 18:22 | admin   🟩 OK | 55 KB
UI apps package for myTraining

Activity Log   ✕ ⊗

```
A META-INF/vault/definition/.content.xml

Package built in 115ms.
_____

Build Package: /etc/packages/com.myTraining/helloworld-component-package.zip
Sun Mar 30 2025 19:02:14 GMT+0530 (India Standard Time)

Building package
A META-INF
A META-INF/MANIFEST.MF
A META-INF/vault
A META-INF/vault/config.xml
A META-INF/vault/filter.xml
A META-INF/vault/nodetypes.cnd
A META-INF/vault/properties.xml
A /.content.xml
A META-INF/vault/definition/.content.xml

Package built in 24ms.
```

dam-images-package-myTraining.zip
Version: myTraining | Build: 1 | Last built 19:00 | admin   🟩 OK | 3.5 KB

Edit   Build   Install   Download   More ▾

Package: dam-images-package
Download: dam-images-package-myTraining.zip (3.5 KB)
Group: com.myTraining
Filters:

myTraining.ui.content-1.0.0-SNAPSHOT.zip
Version: 1.0.0-SNAPSHOT | Last installed 18:22 | admin   🟩 OK | 180 KB
UI content package for myTraining

myTraining.ui.config-1.0.0-SNAPSHOT.zip
Version: 1.0.0-SNAPSHOT | Last installed 18:22 | admin   🟩 OK | 10.3 KB
UI config package for myTraining

myTraining.ui.apps-1.0.0-SNAPSHOT.zip
Version: 1.0.0-SNAPSHOT | Last installed 18:22 | admin   🟩 OK | 55 KB
UI apps package for myTraining

myTraining.all-1.0.0-SNAPSHOT.zip
Version: 1.0.0-SNAPSHOT | Last installed 18:22 | admin   🟩 OK | 1.7 MB
All content package for myTraining

Activity Log   ✕ ⊗

```
Build Package: /etc/packages/com.myTraining/dam-images-package-myTraining.zip
Sun Mar 30 2025 19:00:41 GMT+0530 (India Standard Time)

Building package
A META-INF
A META-INF/MANIFEST.MF
A META-INF/vault
A META-INF/vault/config.xml
A META-INF/vault/filter.xml
A META-INF/vault/nodetypes.cnd
A META-INF/vault/properties.xml
A /.content.xml
A META-INF/vault/definition/.content.xml

Package built in 115ms.
```