

# AEM Training - Day 8 Assignment (27-03-2025)

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## 1. What is MSM, Blueprint, Live Copy, and Rollout?

### Multi-Site Management (MSM)

MSM in AEM (Adobe Experience Manager) allows content authors to manage multiple sites efficiently by creating a relationship between a master site and its copies.

- **Blueprint:** The original source of the content that is copied into other sites.
- **Live Copy:** A copy of the Blueprint that is linked and can receive updates through Rollouts.
- **Rollout:** The action of propagating changes from the Blueprint to the Live Copy.

### Use Case

For example, if we have a master website `/content/us/en`, we can create country-specific sites (`/content/ca/en`, `/content/uk/en`) using MSM. Changes made in `/content/us/en` can be rolled out to other sites.

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## 2. What is Language Copy?

A **Language Copy** is a translated version of a site for different language locales. It helps in creating multilingual websites without duplicating content manually.

Example:

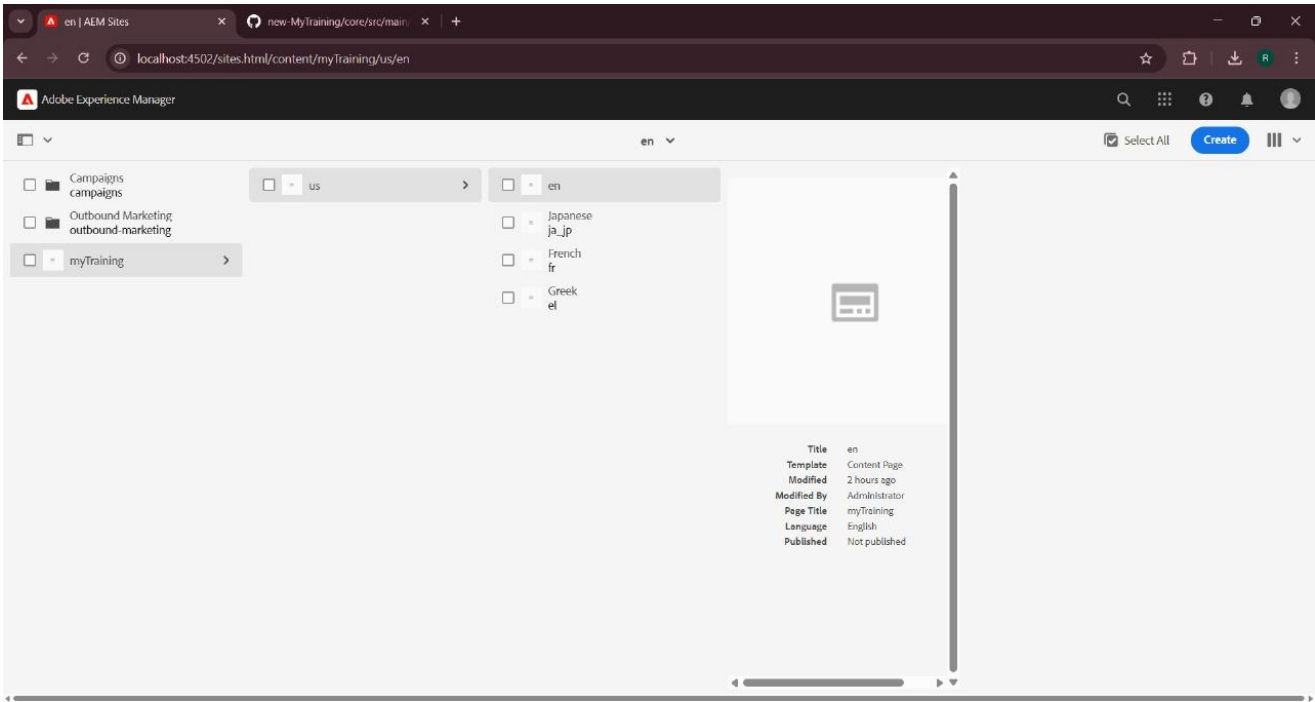
```
/content/us/en (English)
/content/us/fr (French)
/content/us/es (Spanish)
```

AEM provides translation tools to help with managing language copies.

## Screenshots

### Language Copy

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3. Create a Site Using MSM (US EN as Source)

Steps to Create MSM Site

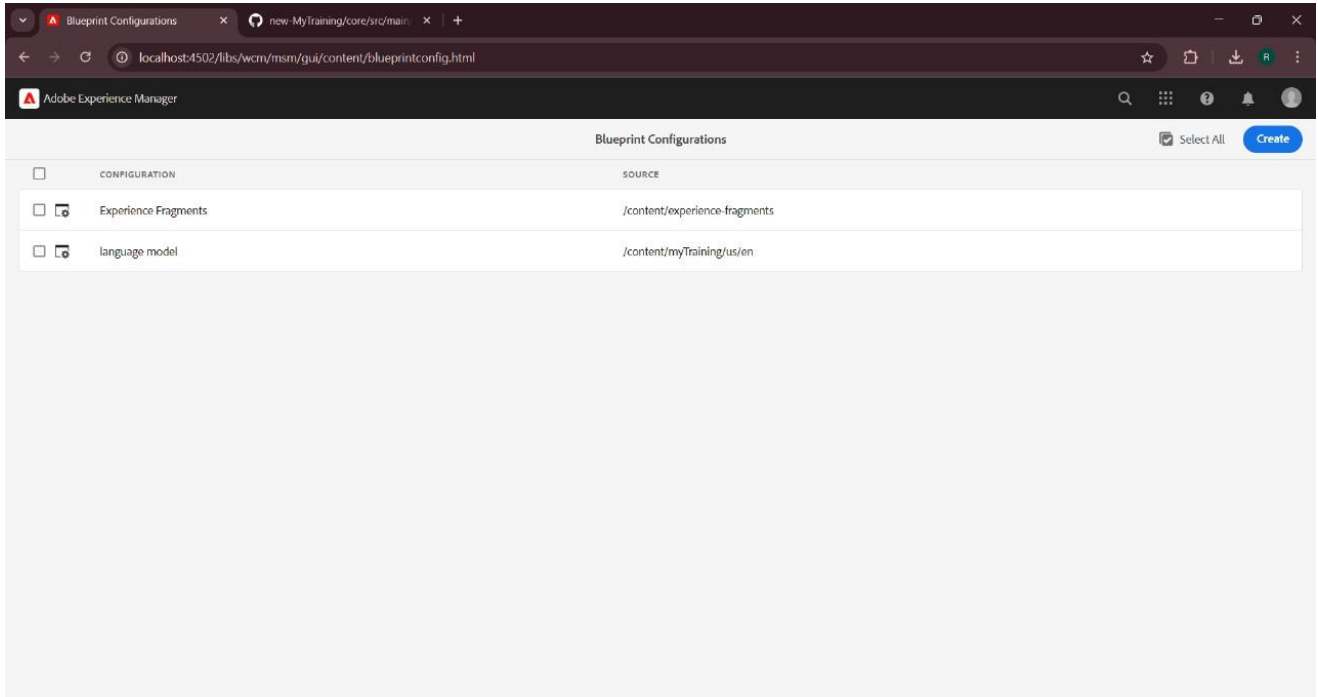
- 1. Navigate to **AEM Sites** → **Tools** → **MSM Control Center**.
- 2. Create a new **Blueprint Configuration** with `/content/us/en` as the source.
- 3. Navigate to **Sites** and create a **Live Copy** using the Blueprint.
- 4. Define rollout configurations to sync content changes.

 **Reference:** [AEM Multi-Site Manager Guide](#)

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## Screenshots

### 1. Language Master



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## 4. Create McDonald's "About Our Food" Page in AEM

### Steps to Author the Page

Navigate to **AEM Sites** and create a new page using the **We.Retail template**.

#### 2. Use AEM components:

- **Image Component:** Add images from McDonald's website.
- **Text Component:** Copy text content.
- **Carousel Component:** For banners.

#### 3. Structure the page layout to match McDonald's page: [McDonald's About Our Food](#).

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## 5. Setup Dispatcher on LocalSteps to Install and Configure

### Dispatcher

#### 1. Download Dispatcher Module:

- Get the dispatcher module from [Adobe Dispatcher Download](#).

#### 2. Install Apache Web Server:

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```
sudo apt update  
sudo apt install apache2
```

### 3. Configure Dispatcher:

- Modify `dispatcher.any` and `httpd.conf` to enable caching and security rules.

### 4. Test Dispatcher:

- Start the Apache server and test using:

```
curl -I http://localhost:80/content/we-retail.html
```

## Screenshots

### Dispatcher Configured

