

27.3.25

Task

This document provides detailed steps on the following tasks:

1. Understanding **MSM, Blueprint, Live Copy, and Rollout**.
2. Explaining **Language Copy** in AEM.
3. Creating a **site using MSM**, with us/en as the source.
4. Authoring the **McDonald's "About Our Food" page** using AEM components.
5. Setting up **Dispatcher on a local environment**.

1. Understanding MSM, Blueprint, Live Copy, and Rollout

Multi-Site Management (MSM)

Multi-Site Management (MSM) in AEM allows you to manage multiple websites efficiently by leveraging content inheritance, synchronization, and automated updates across different sites.

Blueprint

A blueprint is a source structure that helps create and manage multiple live copies. It acts as the master content repository from which live copies inherit content.

Live Copy

A live copy is a site or page that inherits content from a blueprint. Changes in the blueprint can be pushed to live copies using rollouts.

Rollout

Rollout is the process of synchronizing content from a blueprint to its live copies. Rollouts can be triggered manually or automatically based on configurations.

2. What is a Language Copy?

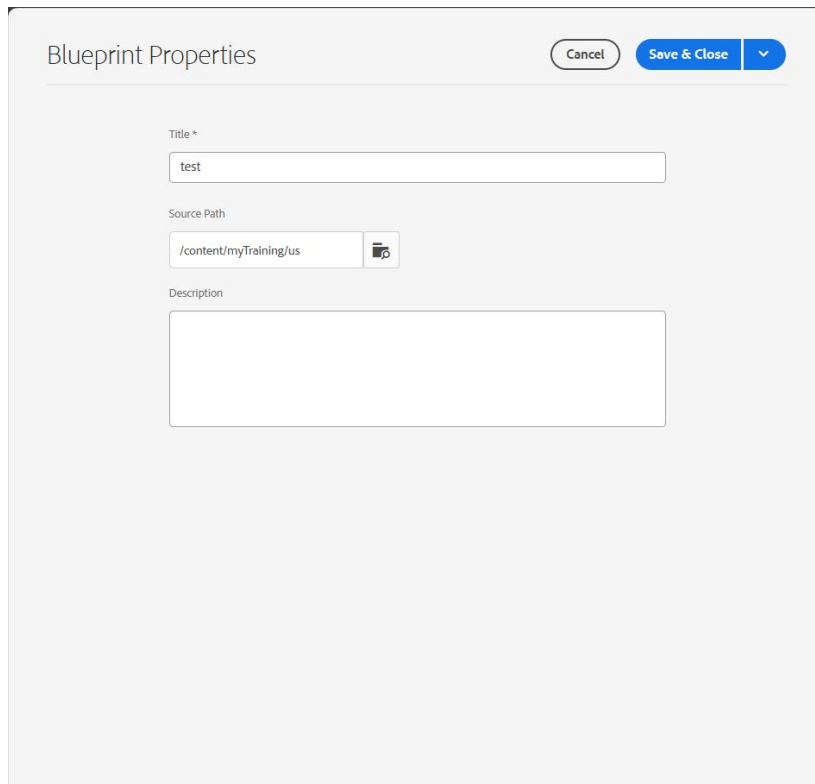
A **Language Copy** in AEM is a duplicate of a site created for different language variations. Unlike MSM live copies, language copies do not maintain inheritance but instead serve as standalone versions that can be translated manually or using translation services.

3. Creating a Site Using MSM with 'us en' as the Source

Steps to Create a Site Using MSM:

1. Create the Blueprint Structure:

- Navigate to **Tools > Sites > Blueprints** in AEM.
- Click **Create** and choose **Blueprint Configuration**.
- Define the source path (/content/we-retail/us/en).
- Set allowed templates and live copy rollout configurations.
- Save and activate the blueprint.



The screenshot shows the 'Blueprint Properties' dialog box in Adobe Experience Manager. The dialog has a title bar with 'Blueprint Properties' and three buttons: 'Cancel', 'Save & Close', and a dropdown arrow. The main area contains three fields: 'Title *' with the value 'test', 'Source Path' with the value '/content/myTraining/us' and a folder icon button, and 'Description' which is an empty text area.

2. Create a Live Copy:

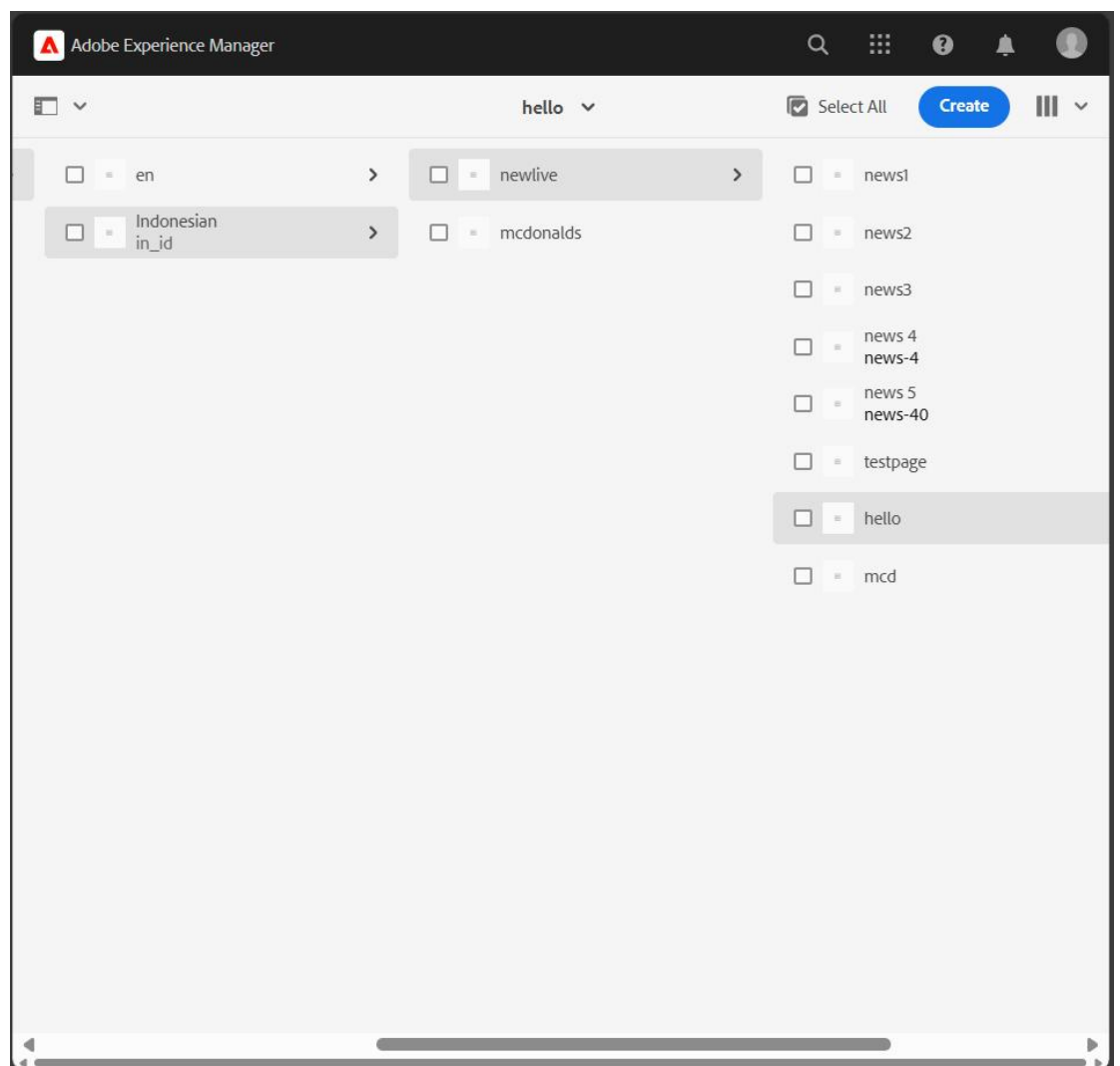
- Go to **Sites Console**.
- Select us/en site and click **Create > Live Copy**.
- Enter the title and destination path (e.g., /content/we-retail/fr/en).
- Choose the appropriate **Rollout Configuration** (e.g., Standard Rollout).
- Click **Create** to generate the live copy.

3. Configure Rollout Policies:

- Navigate to **Tools > MSM > Rollout Configurations**.
- Click **Create** and define a new rollout policy.
- Set trigger events like **On Modification**, **On Activation**, or **Manual Trigger**.
- Assign the live copies and enable synchronization.
- Save the configuration.

4. Validate the Live Copy:

- Open **Sites Console** and navigate to the newly created live copy.
- Check if the structure is inherited correctly.
- Modify the source (us/en) and run a manual rollout.
- Verify the changes reflect in the live copy.



4. Authoring the McDonald's "About Our Food" Page

Steps to Author the Page:

1. Create a New Page:

- Go to **Sites** and navigate to us/en.
- Click **Create > Page**.
- Select a **We.Retail Template** or create a custom template.
- Name the page about-our-food and click **Create**.

2. Add Components:

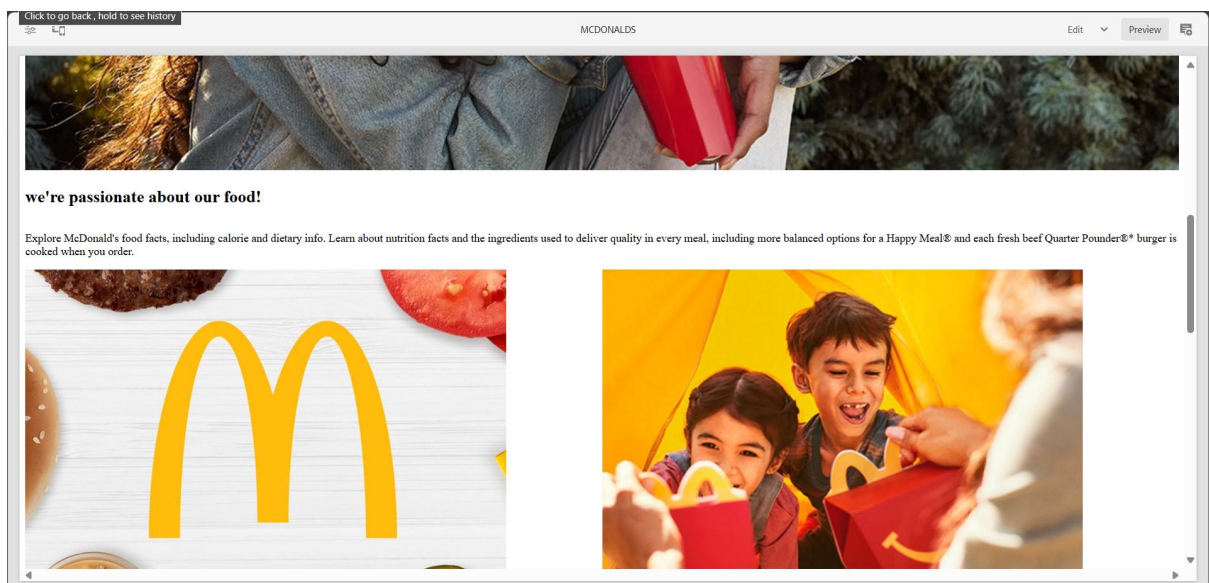
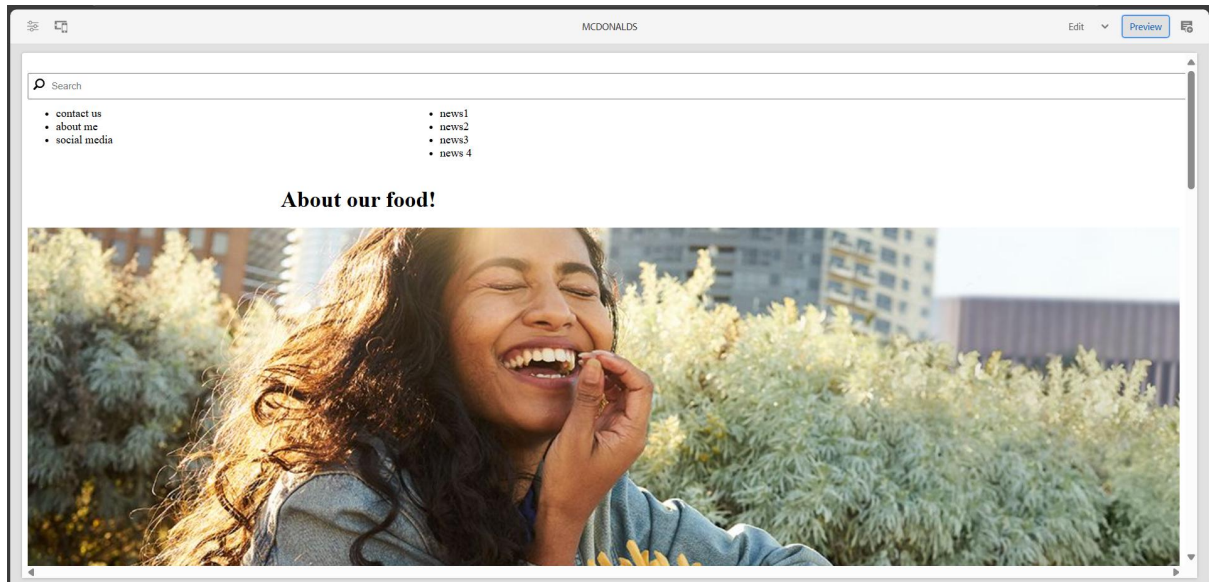
- **Hero Image:**
 - Drag a **Hero Image Component** onto the page.
 - Upload the banner image from the McDonald's website.
- **Text Component:**
 - Drag a **Text Component** below the hero image.
 - Copy and paste content from the McDonald's website.
- **Carousel Component:**
 - Drag a **Carousel Component** onto the page.
 - Upload multiple food images from the McDonald's website.
- **Accordion Component:**
 - Add an **Accordion Component** for FAQ-style content.
 - Enter questions and answers from the original page.
- **Video Component:**
 - Drag a **Video Component** onto the page.
 - Embed a YouTube or MP4 link for McDonald's promotional videos.

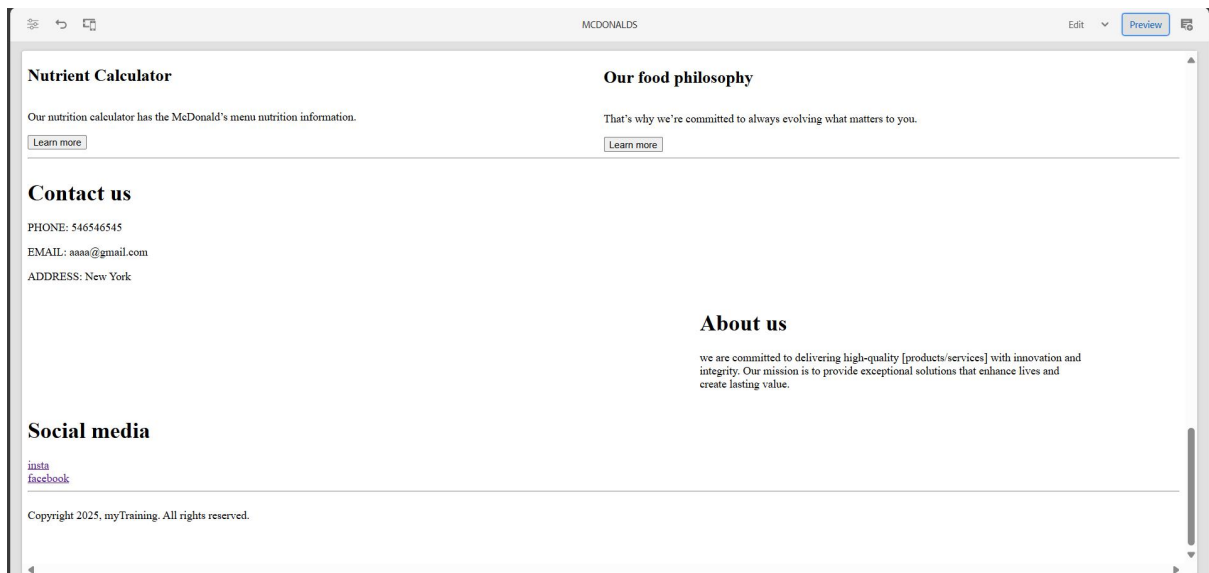
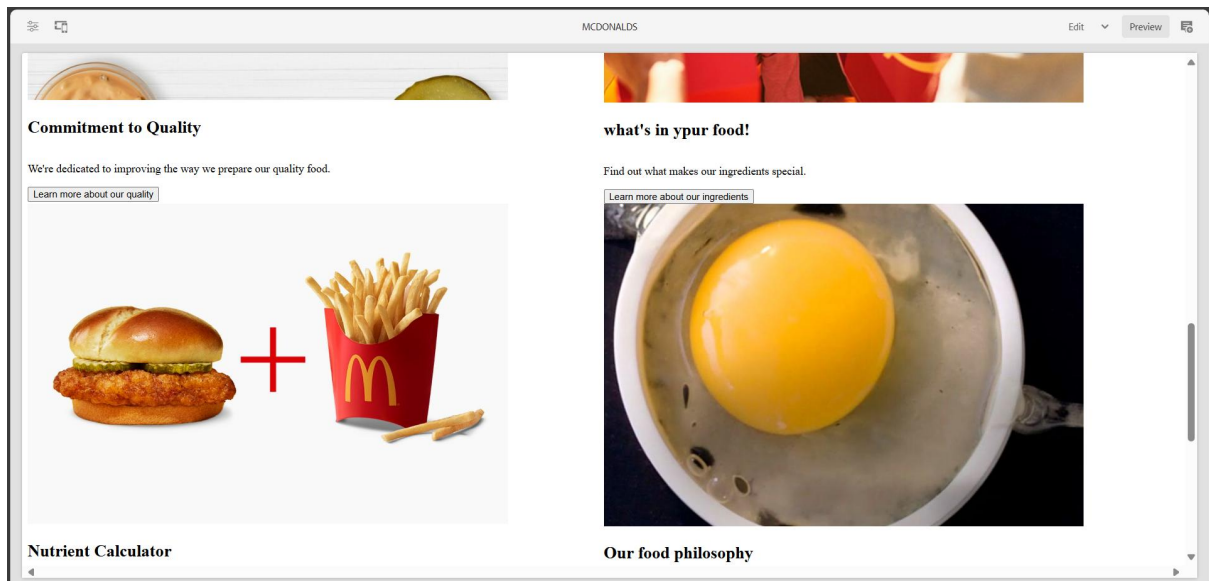
3. Insert Content and Images:

- Upload images to the **DAM (Digital Asset Manager)**.
- Assign images to their respective components.
- Format text and ensure proper styling.

4. Publish the Page:

- Click **Page Properties > Metadata** and fill in details.
- Click **Publish Page**.
- Verify the page is live.





5. Setting Up the Dispatcher on Local

Prerequisites:

- Apache HTTP Server installed.
- Dispatcher module downloaded.
- AEM running on local (4503).

Steps to Setup Dispatcher:

1. Install Apache HTTP Server:

- Download Apache HTTP Server (httpd) from [Apache Website](https://httpd.apache.org/).

- Extract the files and install.

2. Download Dispatcher Module:

- Get the latest **Dispatcher module** from Adobe.
- Place it in the Apache modules directory.

3. Configure Dispatcher:

- Navigate to the conf directory inside Apache installation.
- Edit dispatcher.any file:
- /renders {
- /0000 {
- /hostname "localhost"
- /port "4503"
- }
- }
- Ensure /filter allows necessary paths.

4. Configure Virtual Hosts:

- Open httpd.conf and add:
- <VirtualHost *:80>
- ServerName localhost
- DocumentRoot "C:/Apache24/htdocs"
- <Directory "C:/Apache24/htdocs">
- Require all granted
- </Directory>
- </VirtualHost>

5. Enable Dispatcher Module:

- Add this line to httpd.conf:
- LoadModule dispatcher_module modules/mod_dispatcher.so
- Restart Apache.

6. Validate Dispatcher Setup:

- Open a browser and enter: <http://localhost/content/we-retail/us/en.html>.
- Check if the page is cached correctly.

