

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

### Objective:

Understand Multi-Site Management (MSM) and its key components.

### Explanation:

- **MSM (Multi-Site Manager):** Enables content reuse across multiple sites.
- **Blueprint:** The master version of a site that controls updates.
- **Live Copy:** A linked copy of the Blueprint that can inherit updates.
- **Rollout:** A process to push changes from the Blueprint to Live Copies.

## 2. What is a Language Copy?

### Objective:

Understand how Language Copies work in AEM.

### Explanation:

- **Language Copy:** A separate localized version of a page that is not linked to a Blueprint.
- Created using AEM's Translation tools.
- Allows independent language-specific content updates.

## 3. Create a Site Using MSM (us/en as the Source)

### Objective:

Set up a new site using MSM with us/en as the master.

### Steps:

1. Create a **Blueprint** under /content/ using us/en as the source.
2. Configure the **Live Copy** under /content/ for other regions.
3. Set up **Rollout Configurations** to manage updates.
4. Deploy and verify site structure.

## Screenshot:

- Blueprint setup

localhost:4502/mnt/overlay/wcm/msm/gui/content/properties.html?item=%2Fapps%2Fmsm%2Fus-blueprint

### Blueprint Properties

Cancel Save & Close

Title \*

US Blueprint

Source Path

/content/myApp/us

Description

localhost:4502/libs/wcm/msm/gui/content/blueprintconfig.html

Adobe Experience Manager

### Blueprint Configurations

Select All Create

CONFIGURATION	SOURCE
<input type="checkbox"/> Experience Fragments	/content/experience-fragments
<input type="checkbox"/> US Blueprint	/content/myApp/us

localhost:4502/sites.html/content/myApp/fr/fr

Adobe Experience Manager

French

Select All Create

- Campaigns
  - campaigns
- Outbound Marketing
  - outbound-marketing
- newsBlog
- myTraining
- servlet
- myApp
  - firstRun
  - news

us en Test

French French

## 4. Authoring a Page Similar to McDonald's 'About Our Food'

### Objective:

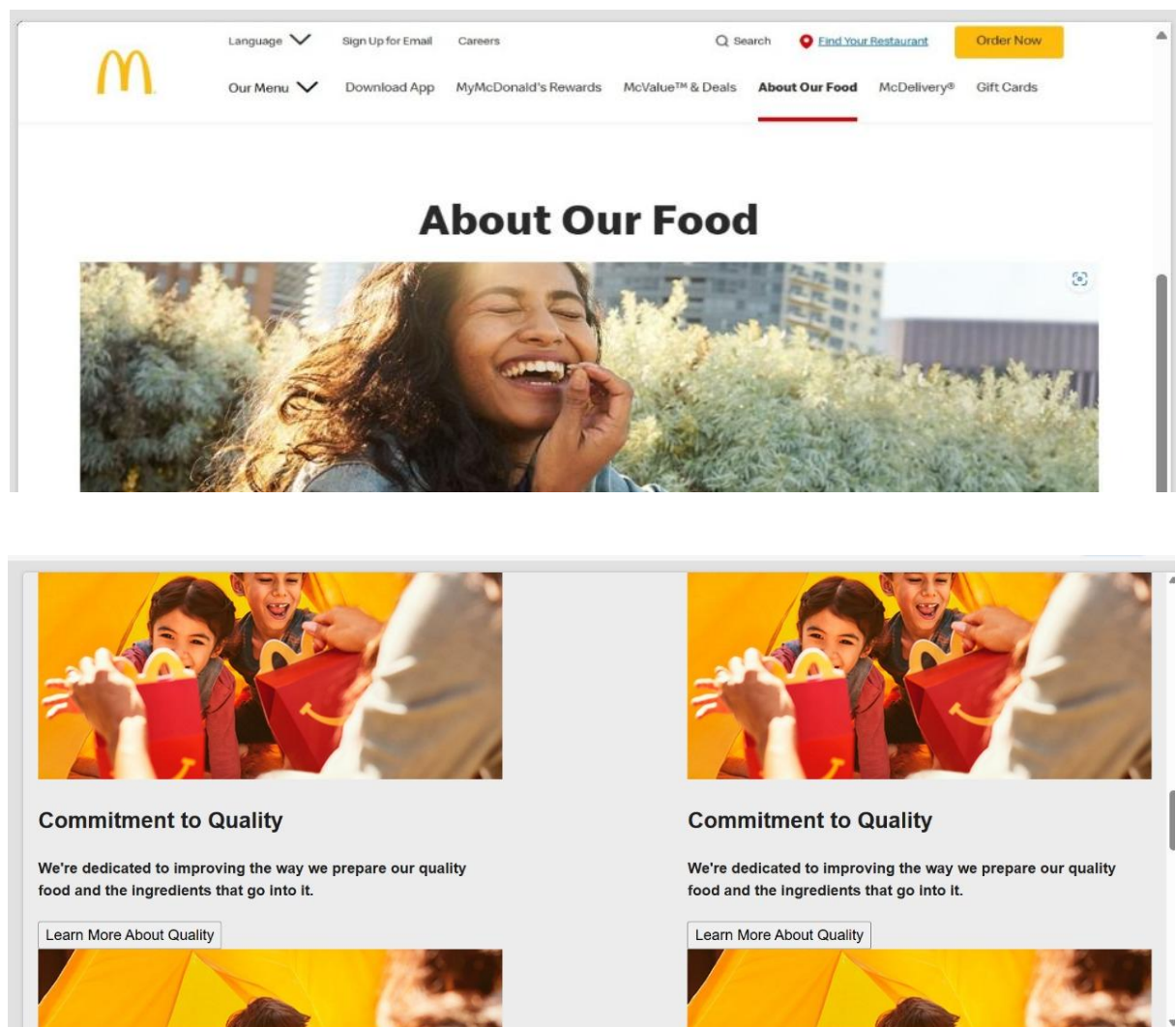
Create an AEM page that replicates the content and structure of [McDonald's About Our Food](#).

### Steps:

1. Use **AEM Core Components** like Teaser, Image, and Text.
2. Structure the page to match McDonald's content layout.
3. Upload and reference **images** and **text** from the McDonald's page.
4. Deploy and verify the authored page.

### Screenshot:

- Final rendered page output



## 5. Setting Up the Dispatcher Locally

### Objective:

Install and configure AEM Dispatcher for local development.

## Steps:

### 1. Download and Install Dispatcher Module

- Download the appropriate Dispatcher module from Adobe's official site.
- Install it in your local Apache HTTP Server.

### 2. Modify dispatcher.any Configuration

- Navigate to the conf/dispatcher.any file.
- Configure caching rules, filters, and allowed paths.

### 3. Set Up Apache HTTP Server

- Configure httpd.conf to load the Dispatcher module.
- Define virtual hosts and reverse proxy rules for AEM.

### 4. Test Dispatcher Setup

- Restart Apache and validate Dispatcher functionality.
- Ensure cached content is stored correctly and updates reflect properly.