

# 1.What is MSM, blueprint, live copy and rollout?

## **MSM (Multi-Site Manager)**

A tool to manage multiple similar websites (e.g., McDonald's country sites: us/en, uk/en, fr/fr) from a single source.

Real-world analogy:

- Think of McDonald's headquarters (source) creating menus/content that local franchises (copies) can reuse but tweak slightly.

## **Blueprint**

The master template (source site) that controls Live Copies.

Example:

- us/en is the Blueprint for McDonald's U.S. site.
- Changes here propagate to other regions (if allowed).

Key feature:

- Defines what content can be rolled out to Live Copies.

## **Live Copy**

A child site that inherits content from a Blueprint but can have local overrides.

Example:

- uk/en is a Live Copy of us/en.
- It mirrors the U.S. menu but can add/remove items (e.g., no "Biscuit Sandwich" in the UK).

Key feature:

- Syncs with Blueprint via rollouts but allows local edits.

## **Rollout**

The action of pushing updates from a Blueprint to Live Copies.

Example:

- McDonald's HQ updates the Big Mac recipe in us/en → Rollout sends this change to uk/en, ca/en, etc.

Types:

- Manual: Triggered by an author.
- Automatic: Happens when Blueprint content changes.

## 2. what is language copy?

- A language-specific version of a page/site (e.g., /content/mytask/us/es for Spanish).
- Maintains content structure but allows translated text.
- *Differs from Live Copy*: Focuses on language, not regional customization.

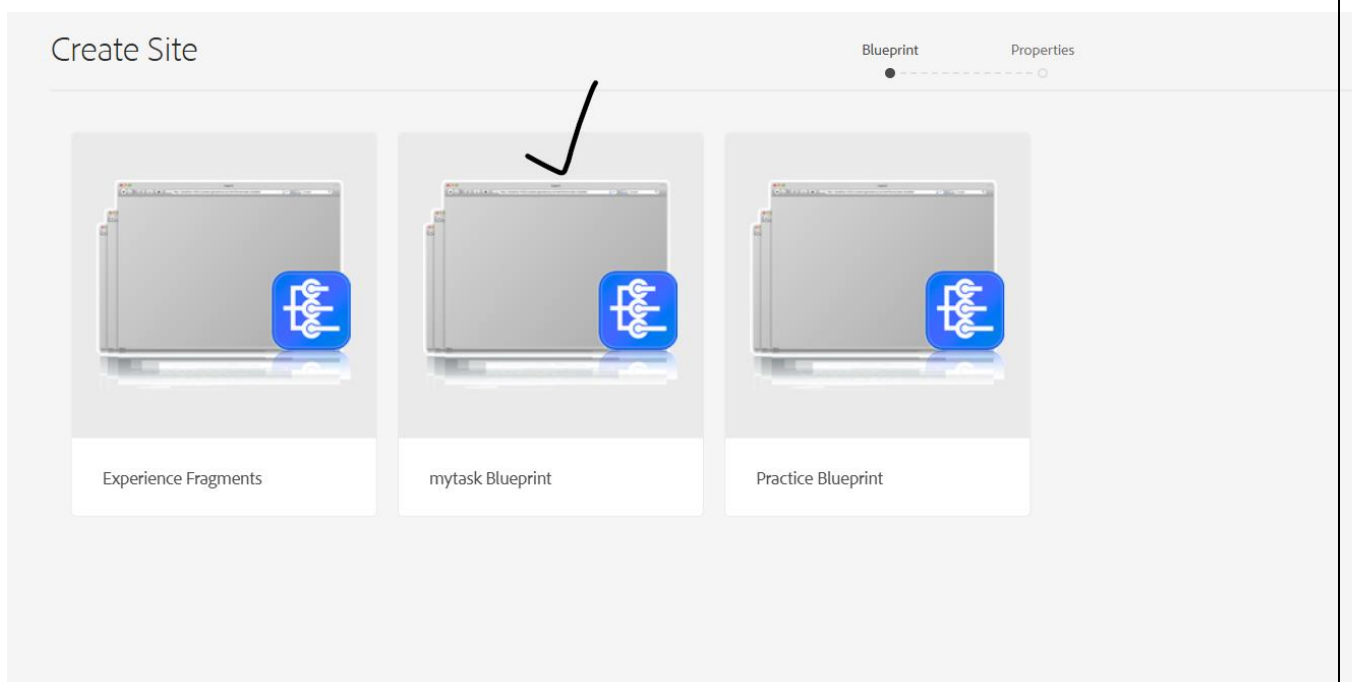
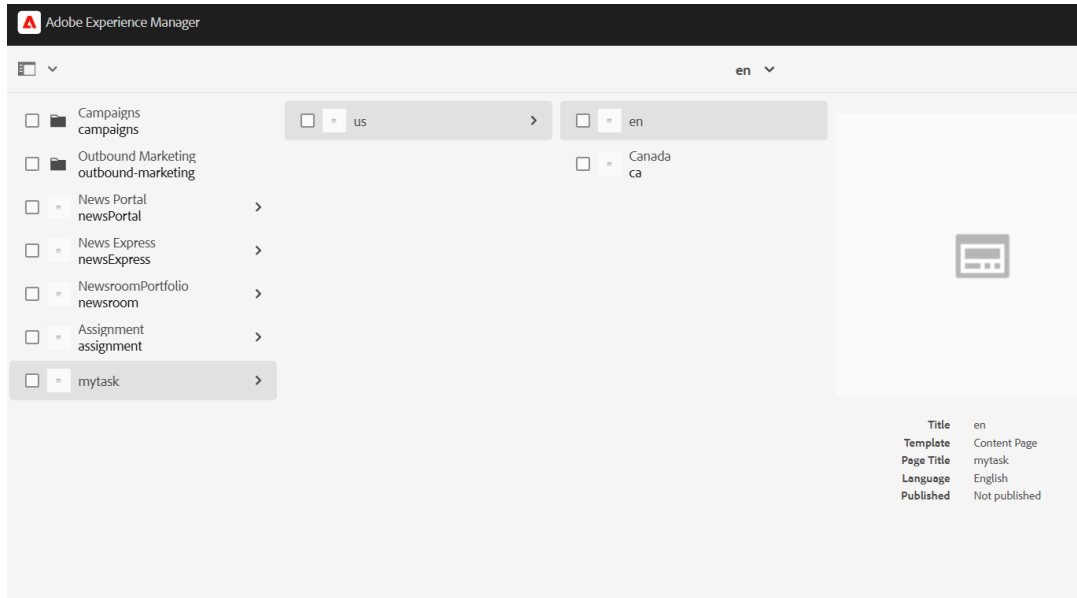
### How It Works

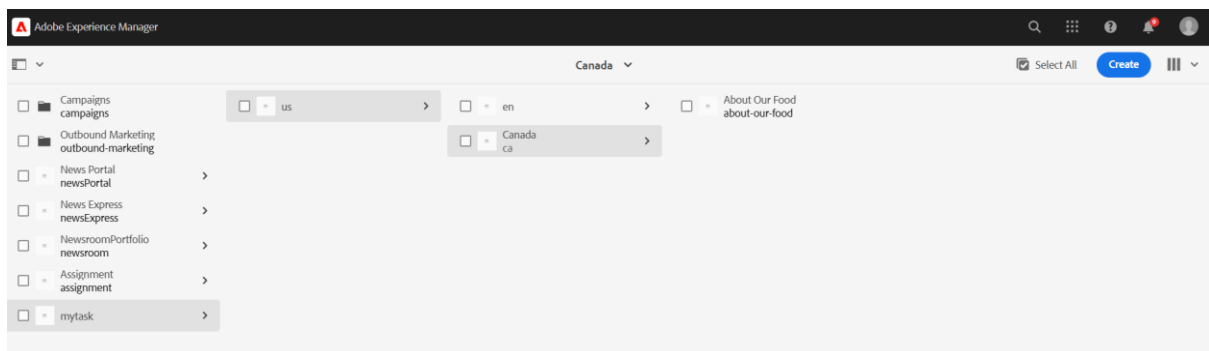
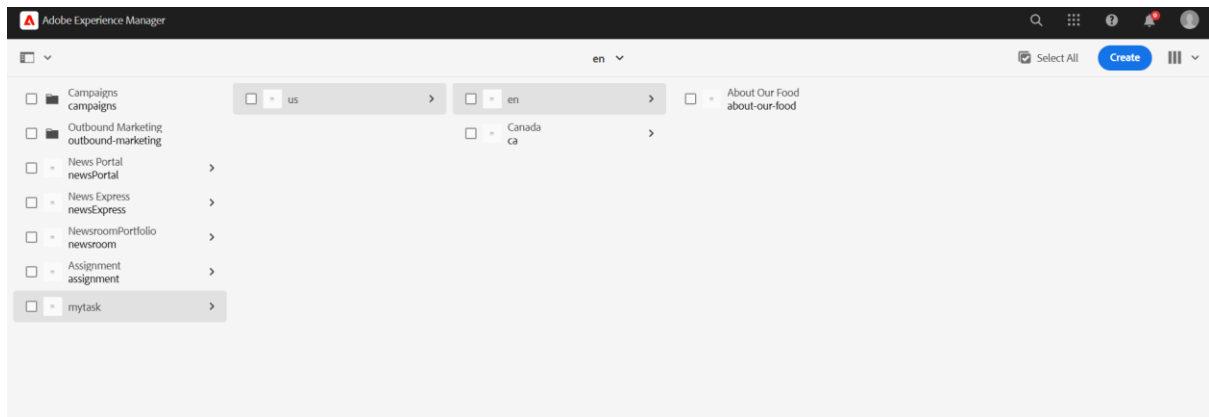
1. Source: English page (/content/mytask/us/en/about-our-food).
2. Language Copy: Spanish page (/content/mytask/us/es/about-our-food).
3. Translation:
  - Manually by authors.
  - Or via AEM's Translation Services (auto-translate + human review).

### Example (McDonald's Analogy)

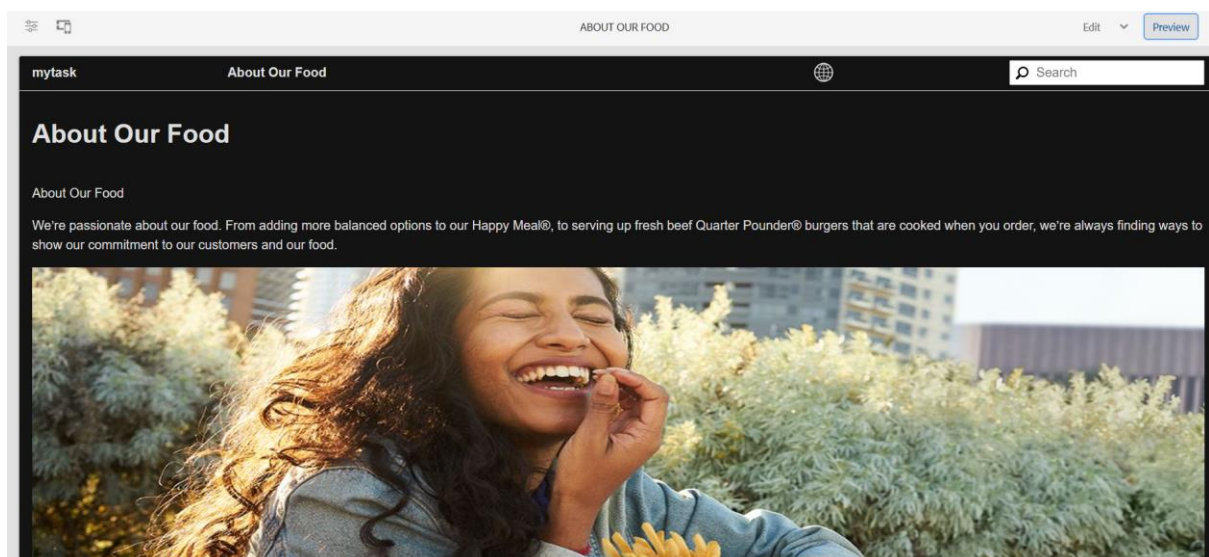
- Blueprint (en): "About Our Food" (English).
- Language Copy (es): "Acerca de Nuestra Comida" (Spanish).
- Language Copy (fr): "À Propos de Notre Nourriture" (French).

3. Create a site using MSM and us en should be source. Reference: <https://medium.com/@toimrank/aem-multi-site-manager-cd73a9077cba>





4Create this page <https://www.mcdonalds.com/us/en-us/about-our-food.html> and author the page using components use the content/images from above page



#### Our Ingredients

We take pride in the quality of our ingredients. That's why we work with trusted farmers and suppliers to ensure what goes into your food is the best it can be.



## 5. Setting Up Dispatcher on Local

Steps:

1. Download Dispatcher Module from Adobe.
2. Configure Apache Web Server and integrate it with the Dispatcher module.
3. Modify Dispatcher.any Configuration to allow caching and URL filters.
4. Test Dispatcher Setup by accessing AEM content through the Apache server.
5. Debug & Optimize Caching Rules for better performance.