# #1

# RSS Feed

Component to read external RSS Feed & display most recent feeds

## Component Design

**RSS Feed Component** (rss-feed) – A touch UI enabled AEM component that displays RSS Feeds based on dropdown selection – Fixed/Dynamic as per component dialog design below

**RSSFeedModel** – Represents a single RSS Feed

**RSSFeedListModel** – Sling model associated to the AEM component ‘RSS Feed Component (rss-feed)’ – to fetch dynamic list of RSS Feeds based on the URL provided

* If the Feed is empty or URL is incorrect, the component will suggest inputting a fixed list of RSS Feeds as per the dialog design below
* The Model sorts the feed by most recent and limits the feeds based on the count provided in RSS Feed Component (rss-feed) component dialog

RSS Source – <https://sports.ndtv.com/rss/cricket>

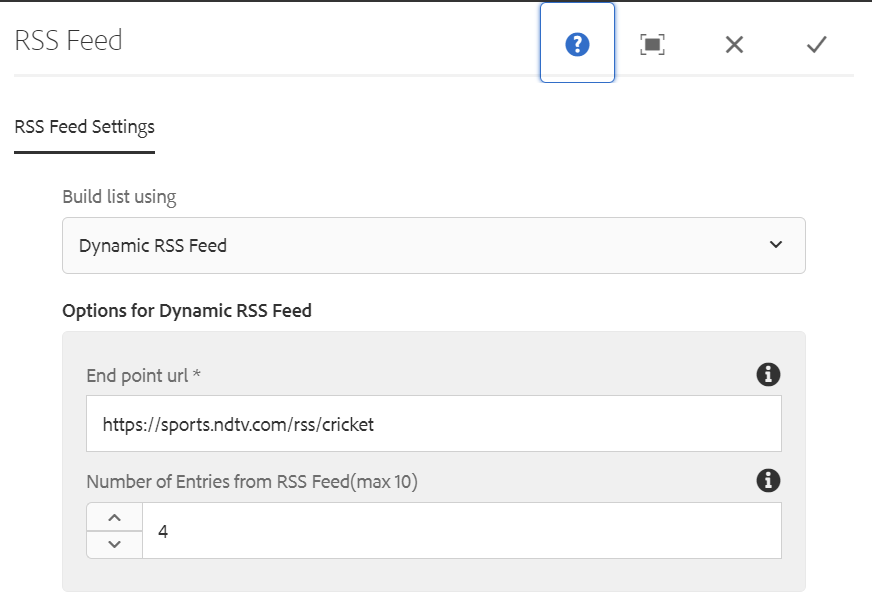
Touch UI Dialog Design

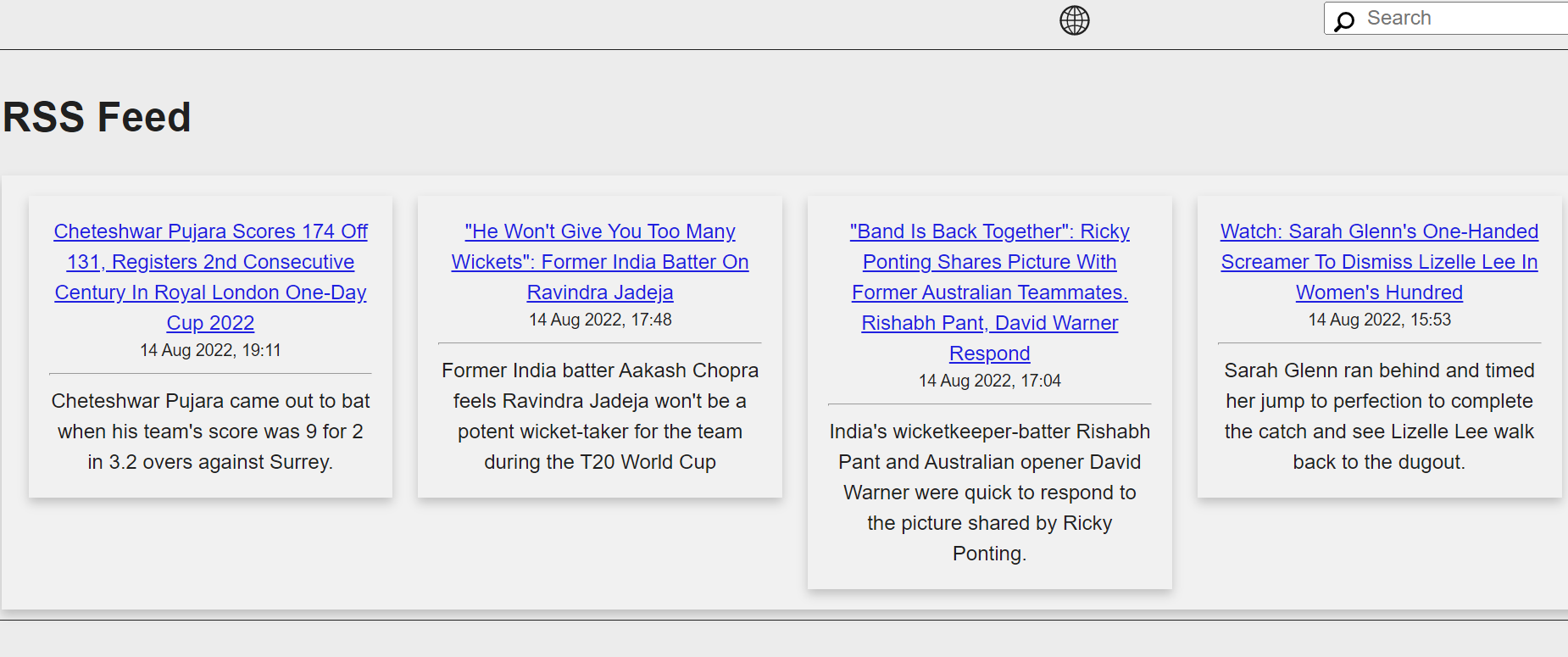
|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Type | Value | Description |
| Build List by | Dropdown | Dynamic/Fixed List | Based on selection will either fetch feed dynamically or option build a fixed list |
| Dynamic Options   * END Point URL * Number of Feeds | Single Fields   * Textfield * NumberField |  | * RSS Feed URL * Number of feeds to display dynamically |
| Fixed List Options   * Title * Description * Link * Published Date | Multifield   * Textfield * TextArea * Textfield * DateField |  | Display Feed based on values provided in fixed options |

Assumptions: Single component to display based on dropdown selection, a separate component can be created for individual feeds as well based on further requirement analysis.

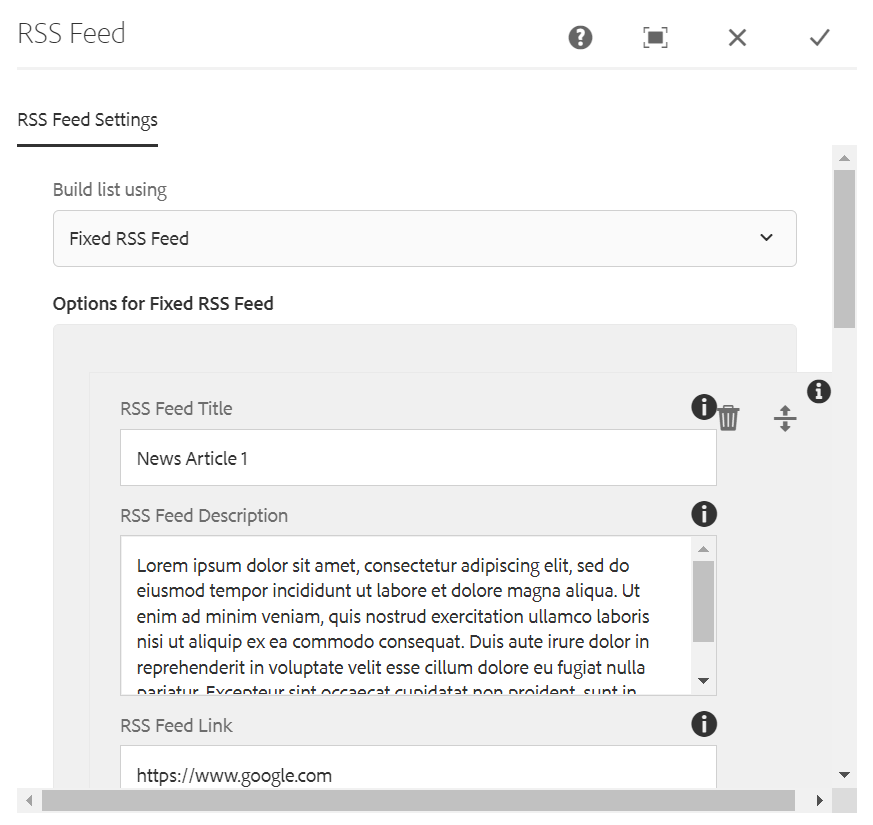
# Screenshots

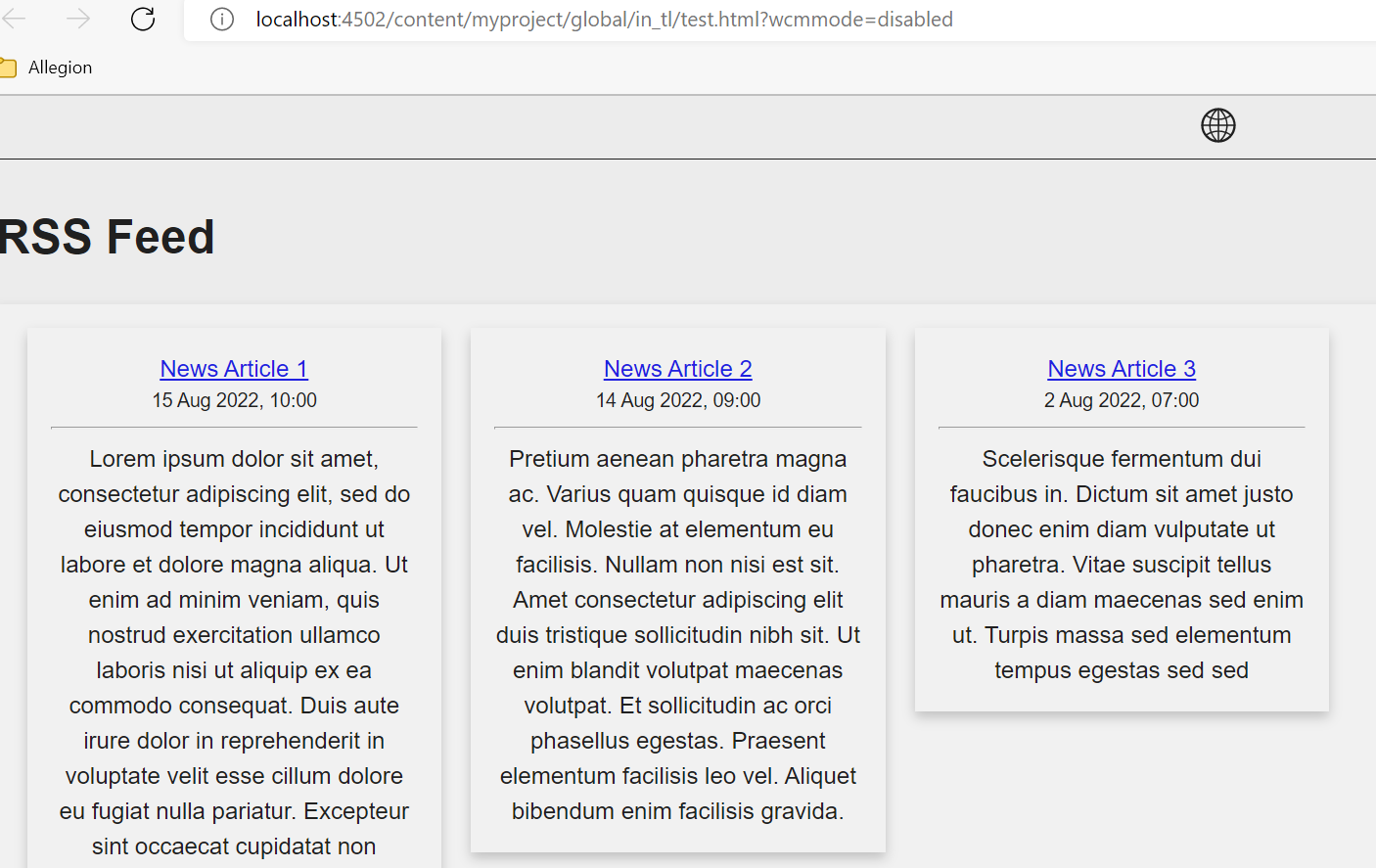
## Dynamic List





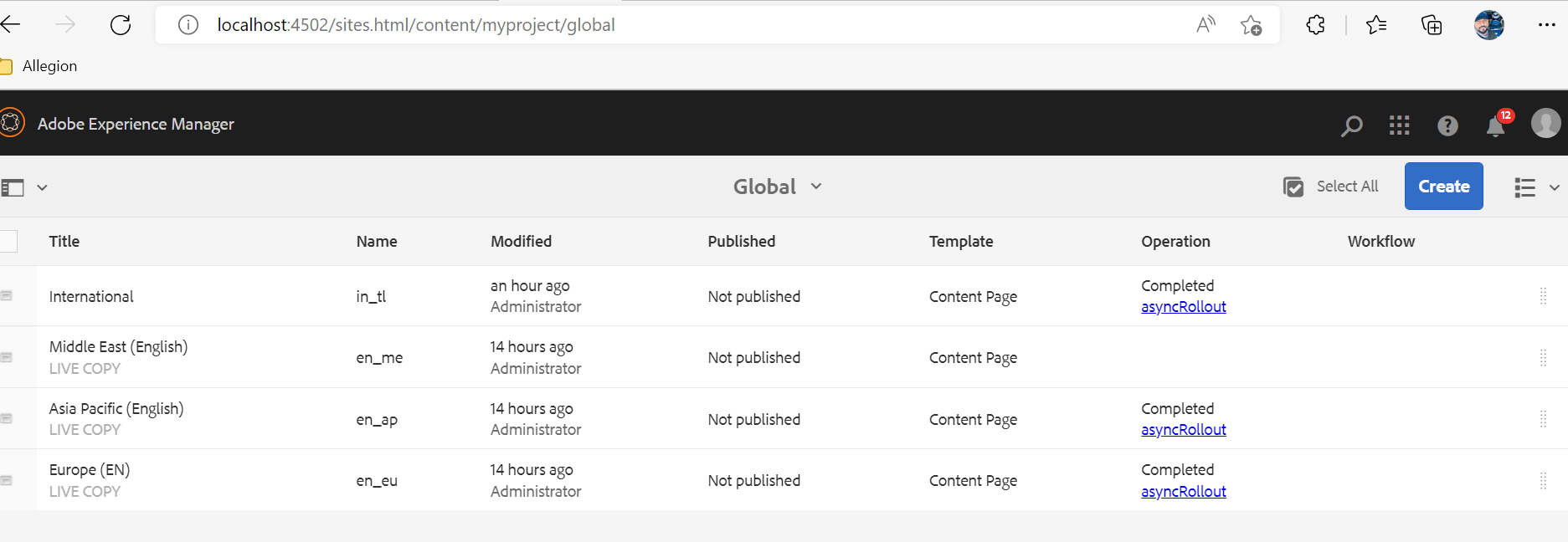
## Fixed List

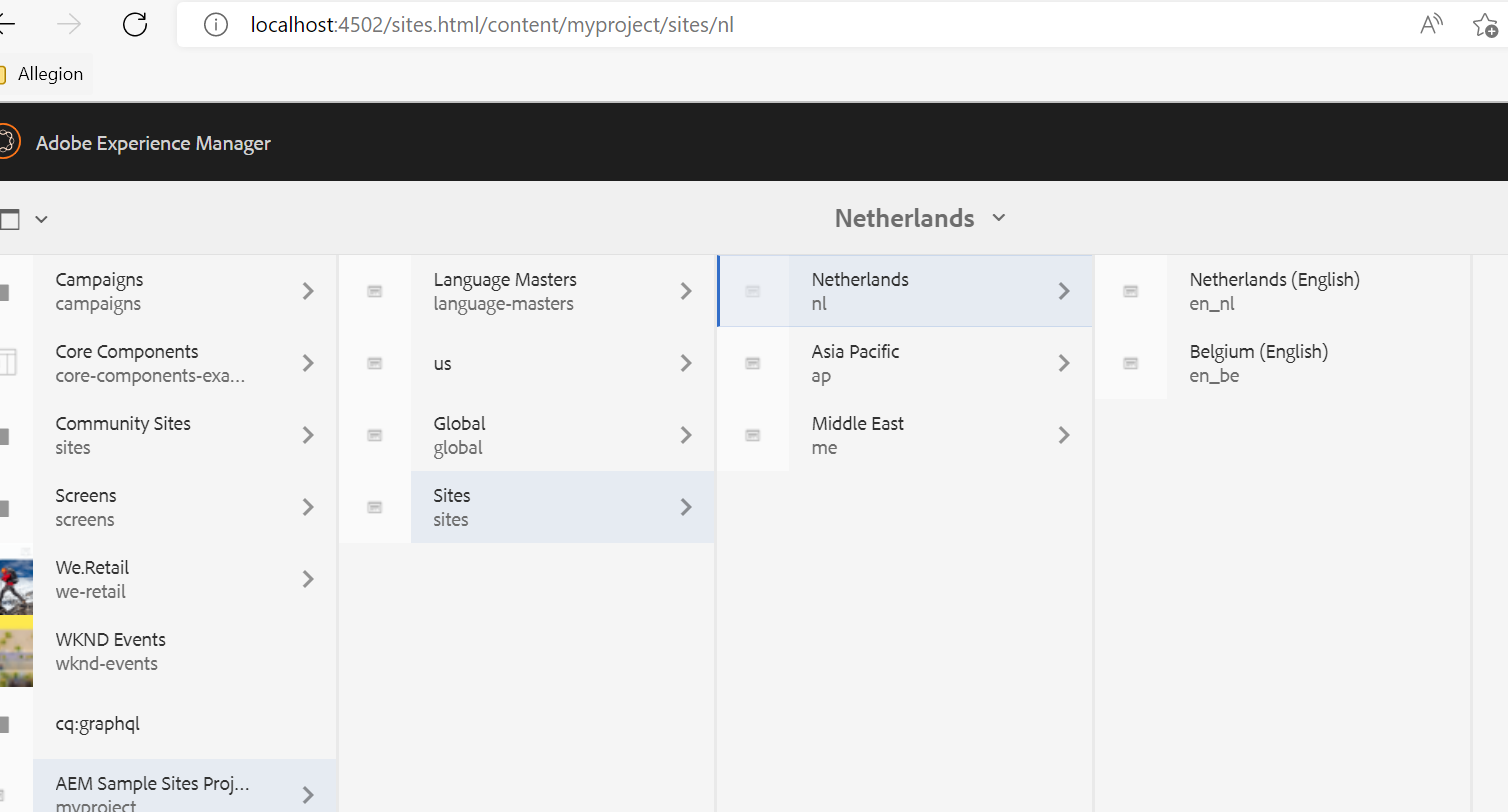


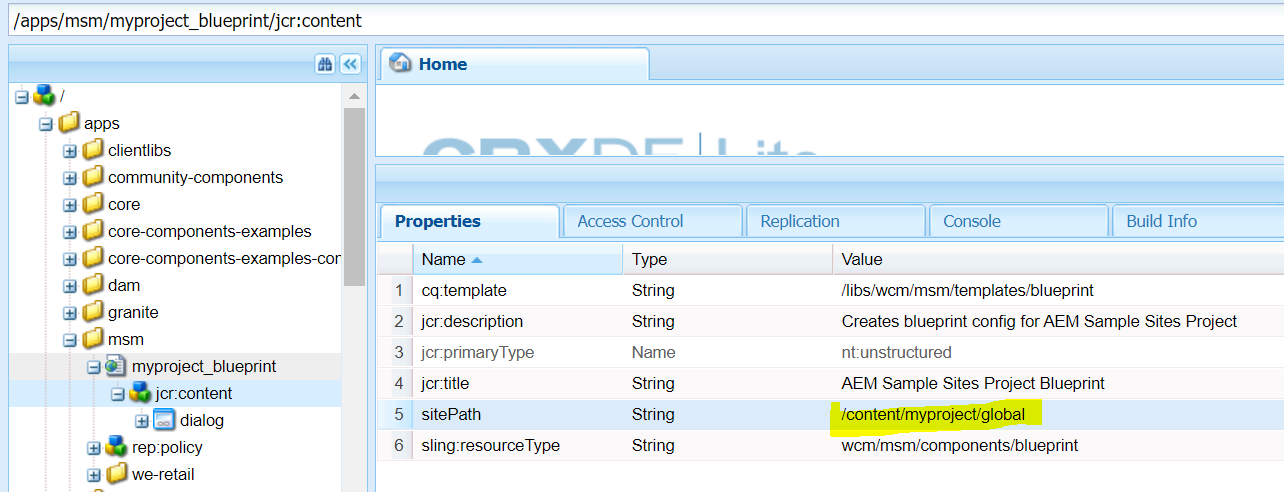


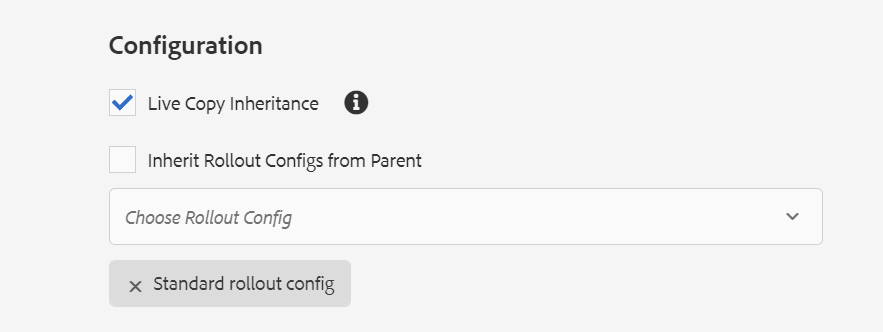
# #2

# Content Structure

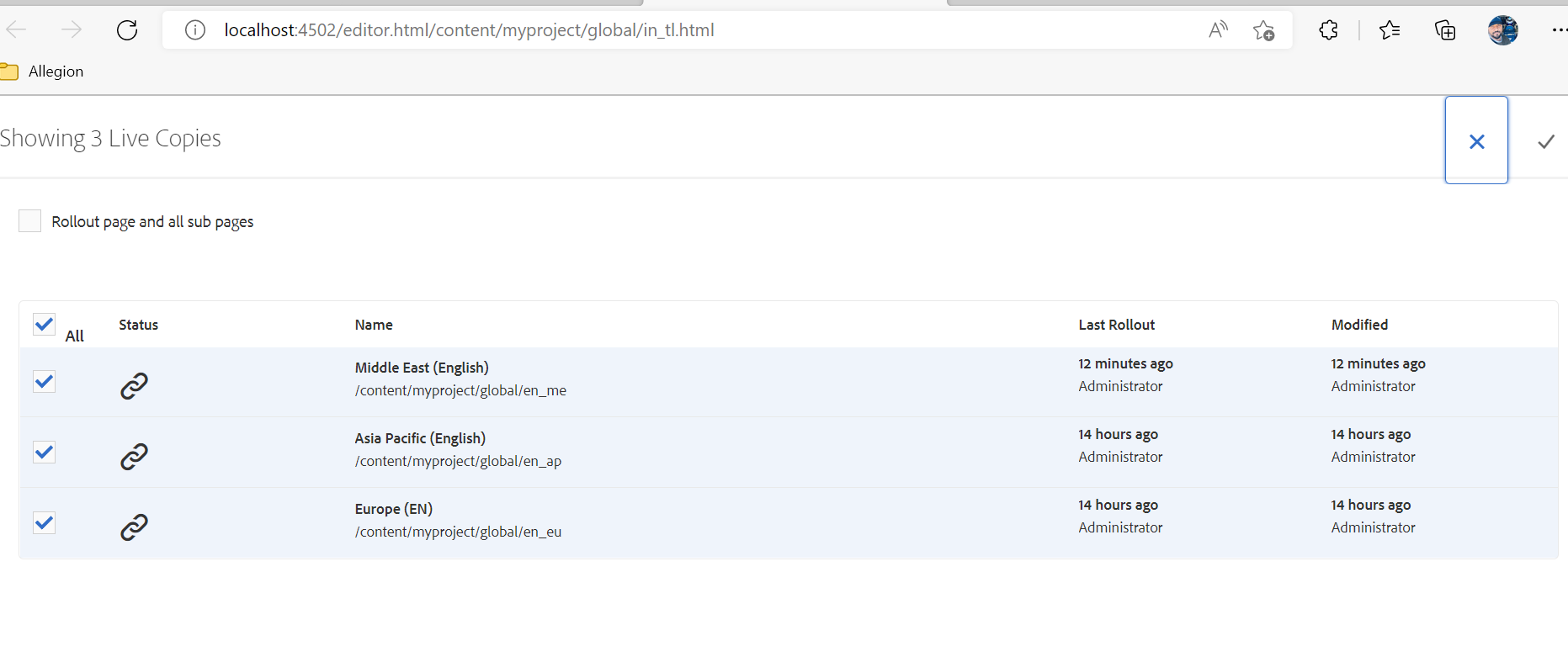
Language Master Content Structure  


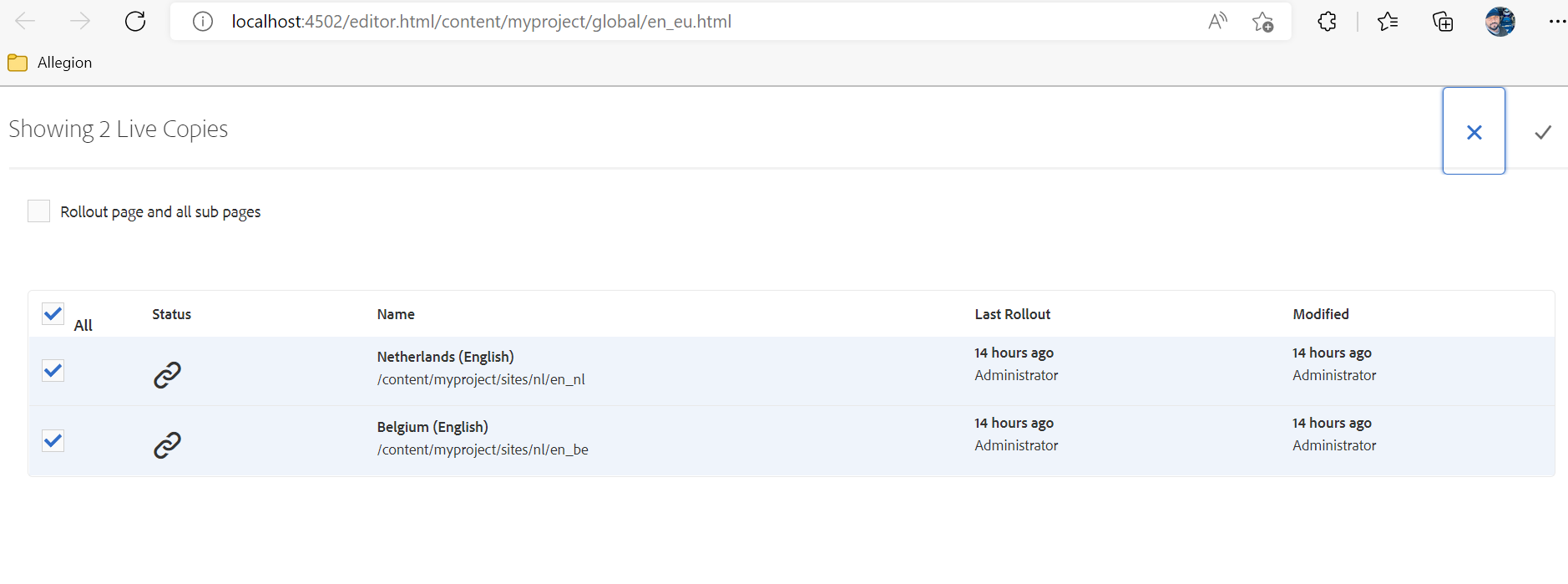
Sites content structure  


Blueprint Source: /content/myproject/global  


Rollout configurations: Standard  


## Test Rollout

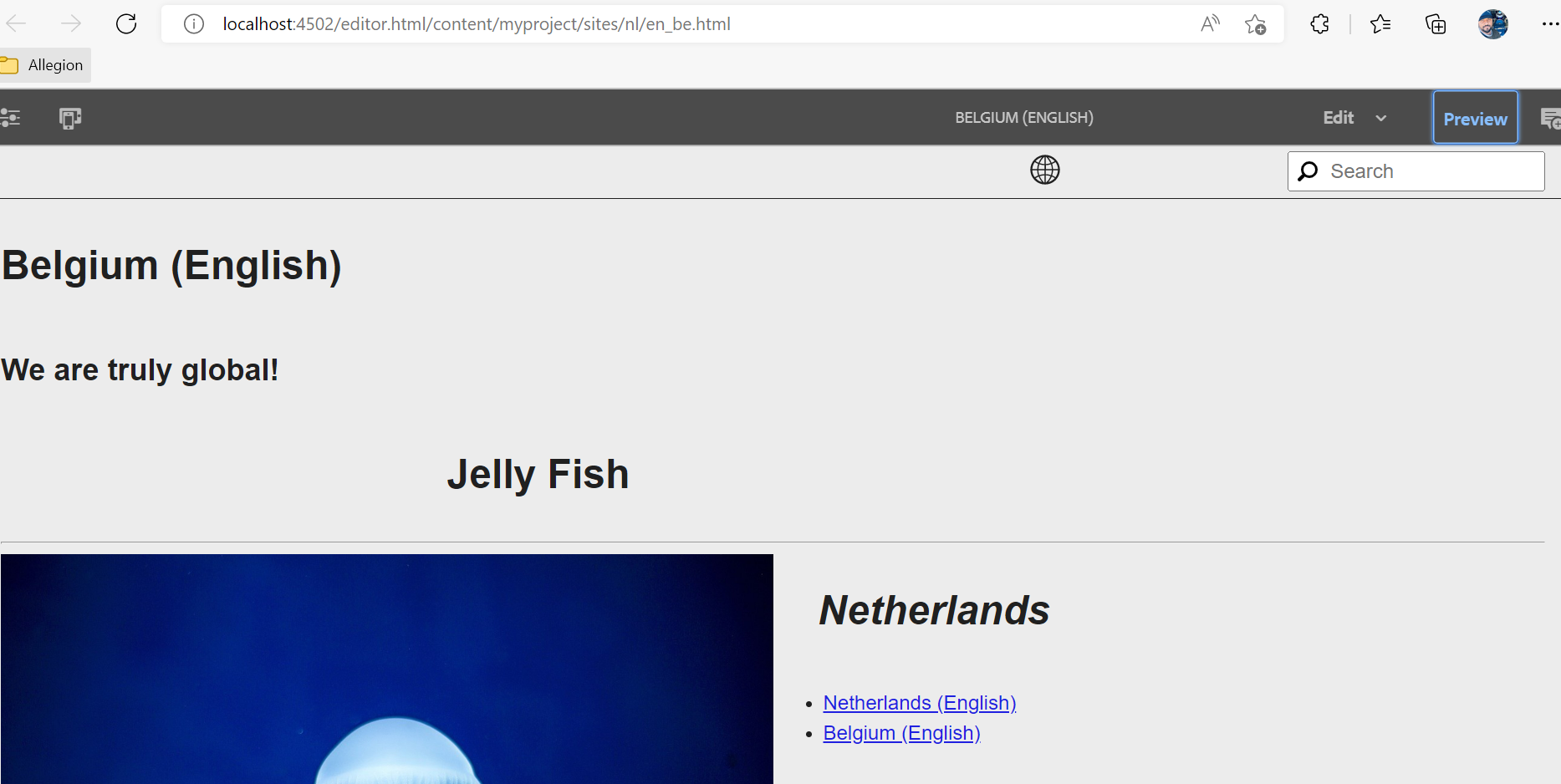
From Page Options – Select Rollout from in\_tl -> en\_me, en\_ap, en\_eu  


Further Rollout changes to individual sites:  
From en\_eu -> en\_nl, en\_be  


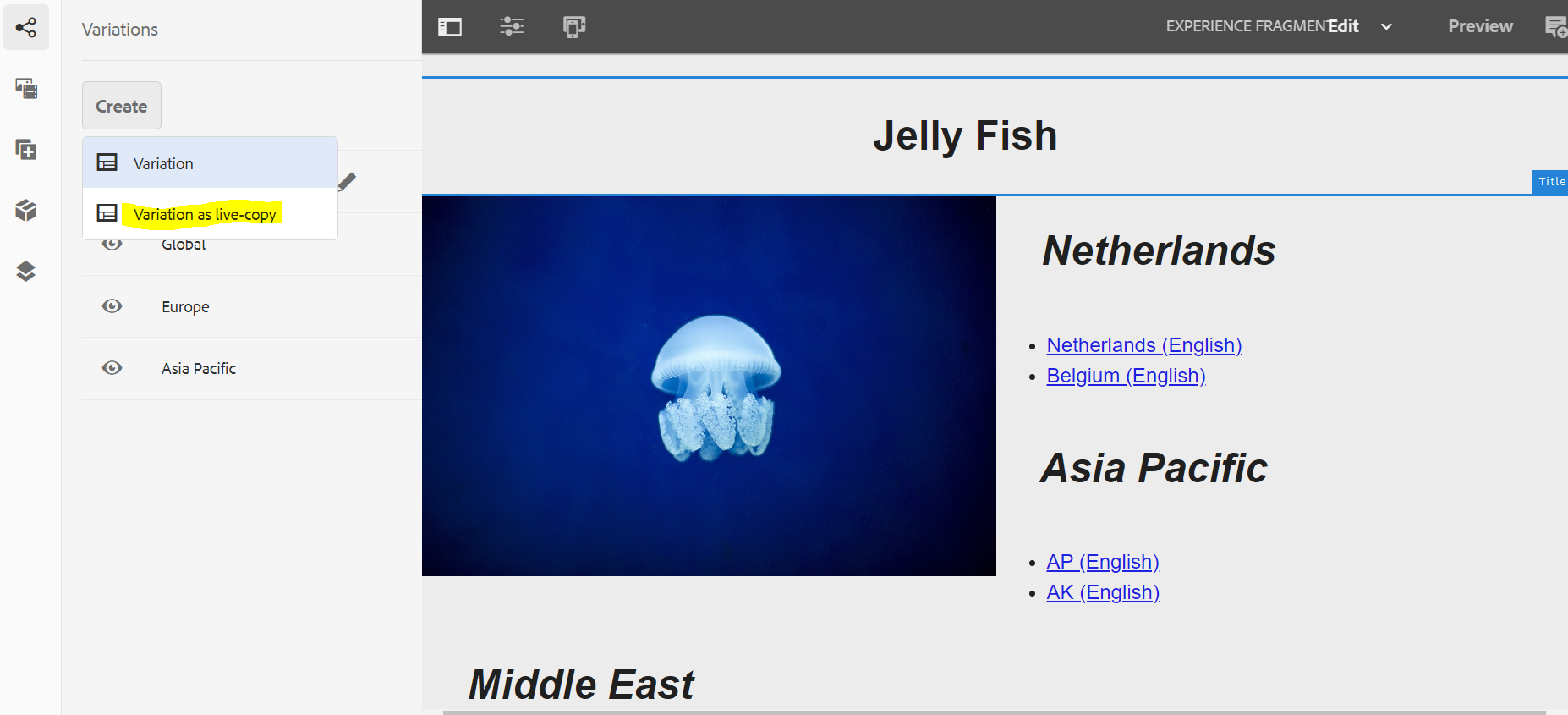
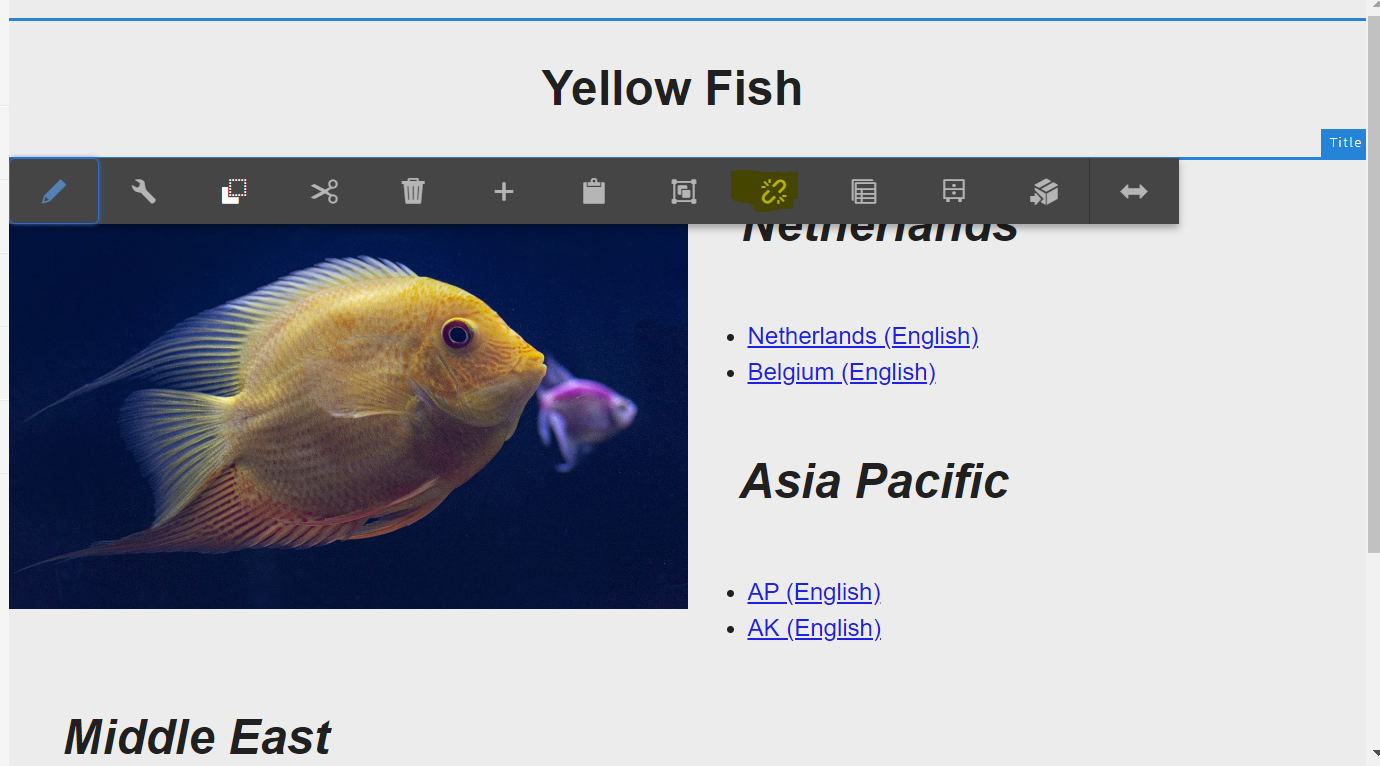
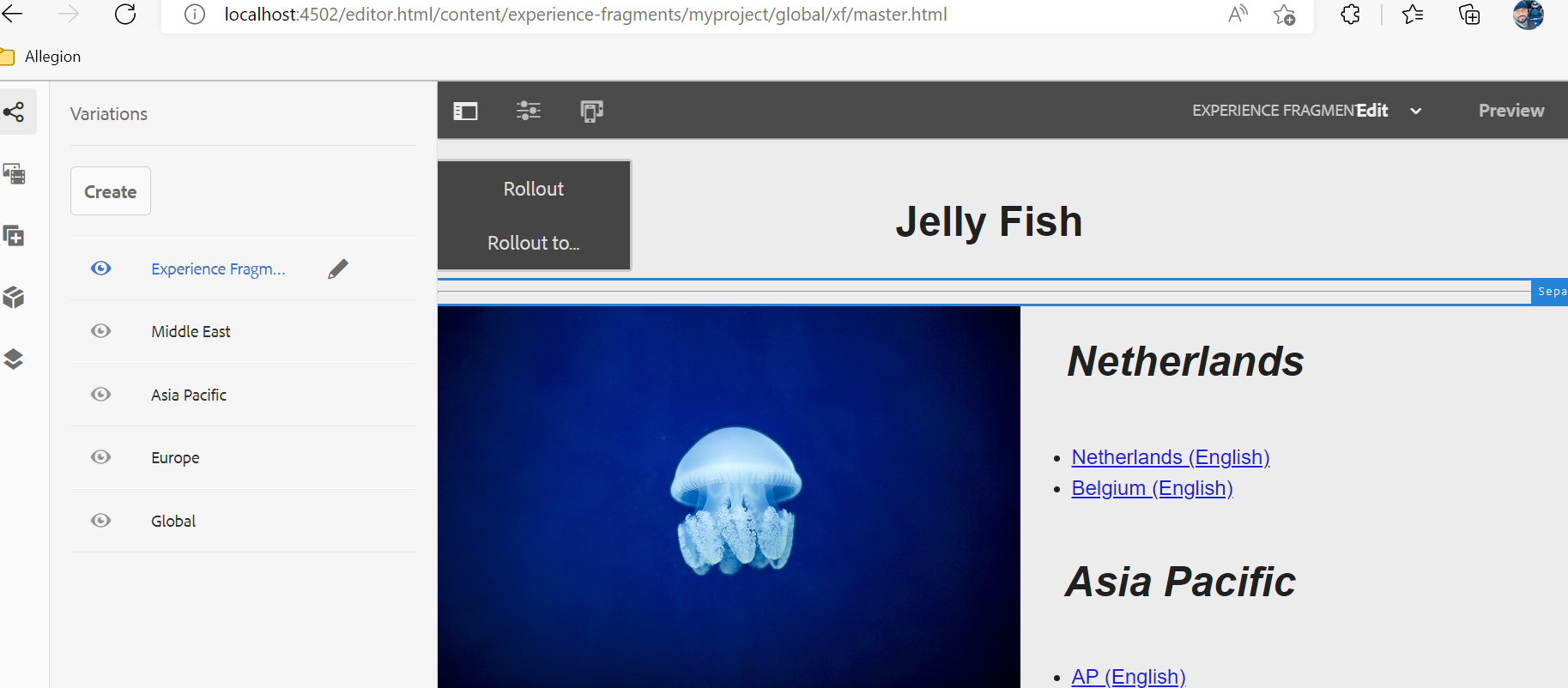
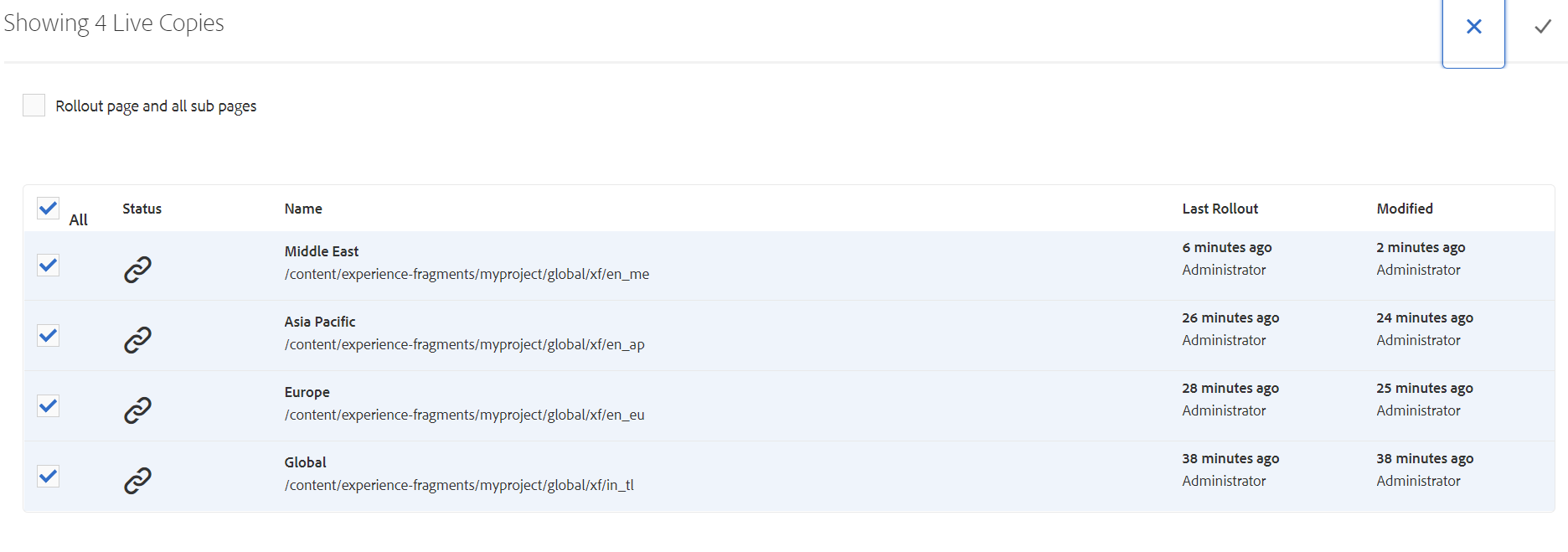
## Result

Content is pushed to live copies accordingly.

Sample – Belgium (English) site



# Creating Experience Fragments with MSM Capability

1. Create experience fragment under folder structure - /content/experience-fragments/myproject/global
2. Create Master variation by adding relevant content
3. Create as many variations as live copy of master variation   
   
4. Update content as necessary by cancelling inheritance as shown  
   
5. Add a separator component to master variation and rollout to all variations  
     
     
   
6. Updates to master variation will be rolled out to all live copies.

# Technical Documentation

## Project Creation

Maven Command used to create the project

mvn -B org.apache.maven.plugins:maven-archetype-plugin:3.2.1:generate -D archetypeGroupId=com.adobe.aem -D archetypeArtifactId=aem-project-archetype -D archetypeVersion=35 -D appTitle="AEM Sample Sites Project" -D appId="myproject" -D groupId="com.adobe.aem.myproject" -D artifactId="myproject" -D package="com.adobe.aem.guides.myproject" -D version="0.0.1-SNAPSHOT" -D aemVersion="6.5.11" -D includeDispactcherConfig=n -D frontendModule=general -D singleCountry=n -D includeExamples=y

## Command to deploy the entire project:

mvn clean install -PautoInstallPackage

## Environment:

Java Version: 11

Maven Version: 3.8.6

AEM Version: 6.5.11

Maven ArcheType: 35