

News Component Development using Sling Model

News Component Development:

The news component was developed using a Sling Model and includes the following fields:

- News Title (Rendered as in green color)
- News Detail (Rendered as in yellow color)
- Published Date (Displayed in black color)
- Source

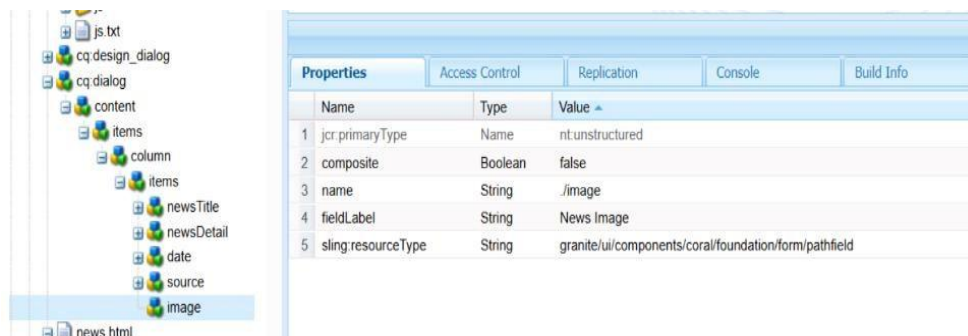
The Sling Model ensures that these fields are dynamically retrieved and displayed in the component.

Multi-Field News Component:

A multi-field component was created to accommodate multiple news entries dynamically. This component consists of:

- A repeatable structure allowing multiple news entries
- Fields for News Title and Source

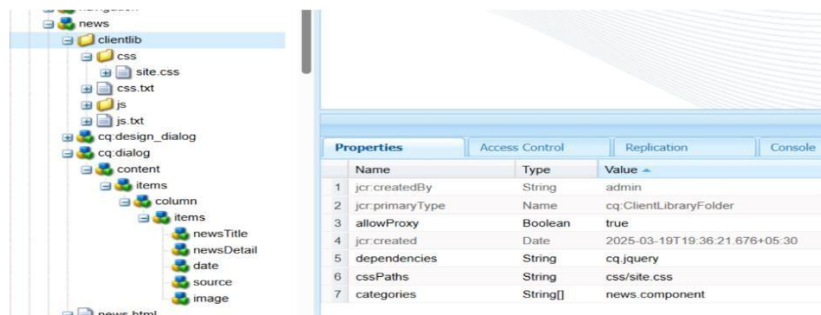
This implementation allows content authors to add multiple news articles within a single instance of the component.



Clientlibs for News Component :

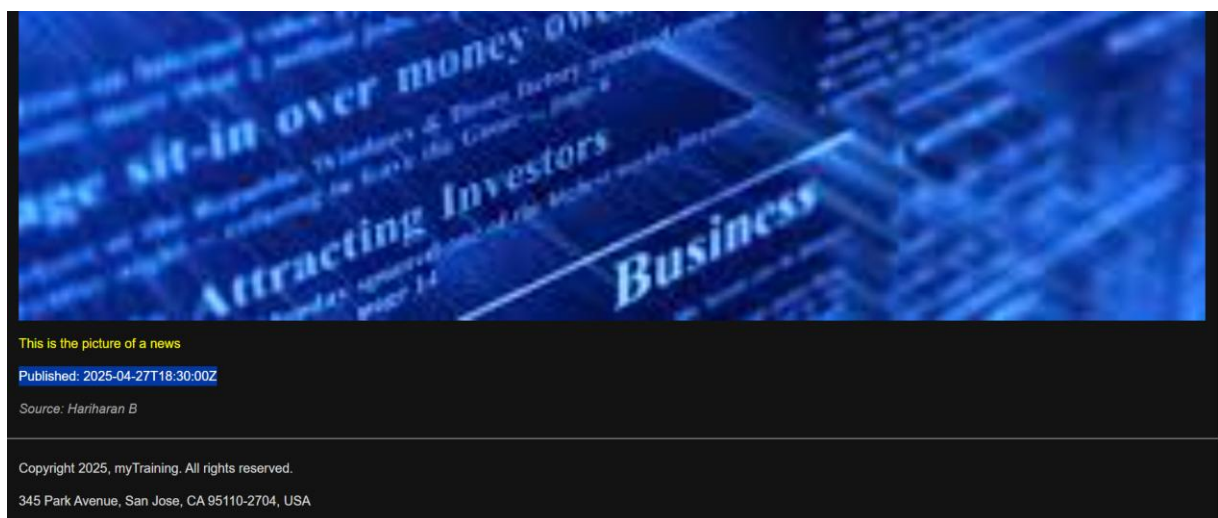
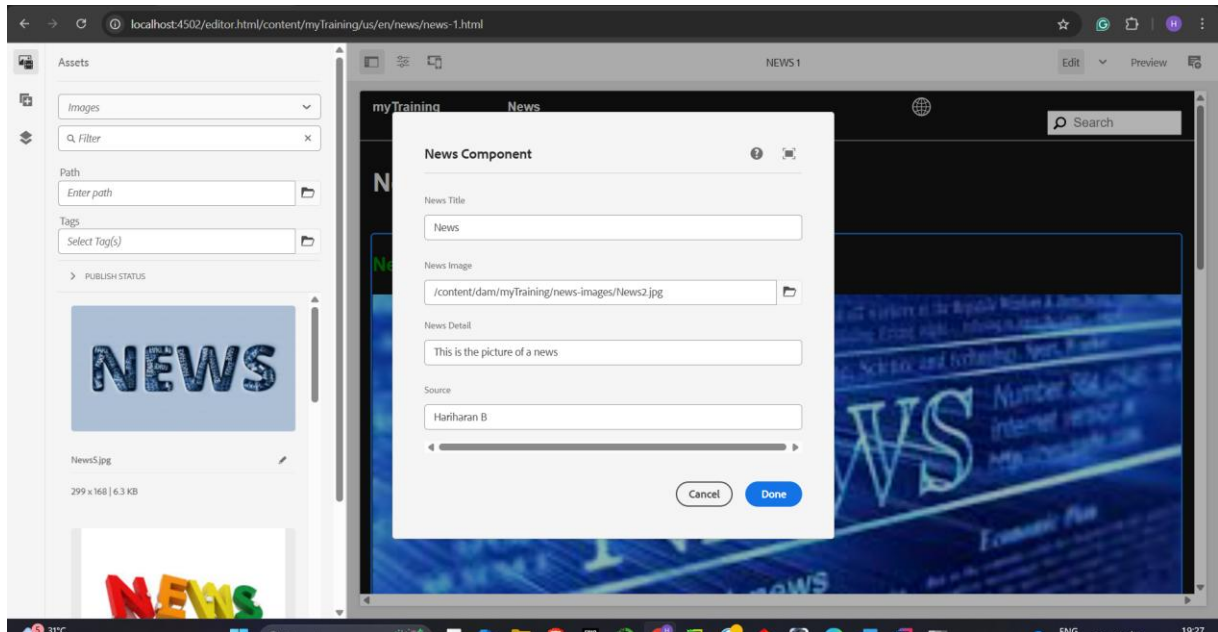
Clientlibs were implemented for styling the news component. The following styles were applied:

- Heading (h2): Green color
- News Detail (): Yellow color
- Published Date: Black color



The styles were included in the component using AEM's Clientlibs mechanism.

Apply Green colour to the heading(h2) and yellow colour to news detail()and date should be black in colour



Custom Component Style:

A custom style named cop-news-component was added to the component, allowing content authors to apply predefined styling easily.

Base Page Component and Metadata Configuration:

A base page component was created, and a metadata file was linked to ensure that Open Graph (OG) properties are dynamically added to the page. These properties include:

- og:title
- og:description
- og:image

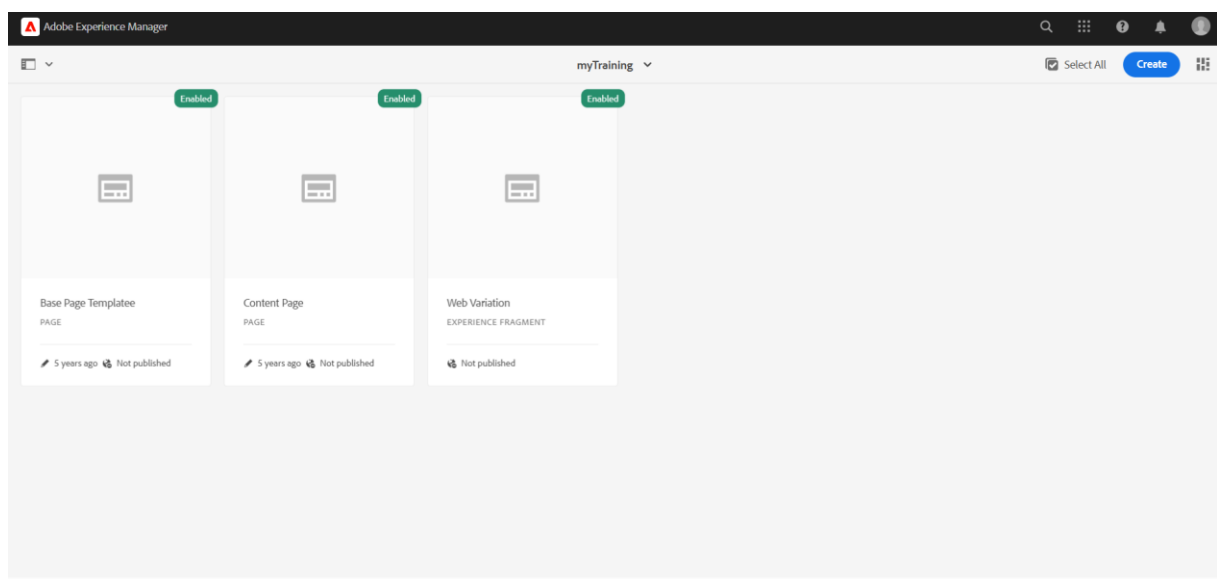
This ensures that when the page is shared on social media platforms, relevant metadata is displayed.

Custom Page Properties:

A custom page properties configuration was implemented under "Global Properties" with the following fields:

- OG Title
- OG Description
- OG Image Path

This enables content authors to set Open Graph metadata for each page directly from the AEM page properties.





```
1 <meta property="og:title" content="${properties.jcr:title}" />
2 <meta property="og:description" content="${properties.jcr:description}" />
3 <meta property="og:image" content="${properties.ogImage}" />
```

ExtraClientLibs in Multi-Field Component:

The `extraClientLibs` property was utilized in the multi-field component to ensure additional dependencies and scripts are loaded when the component is rendered. This approach enhances the flexibility and performance of the component.