

AEM – Component and Custom Page Property

Step 1: Create a Newsroom Page Component using Base Page Component

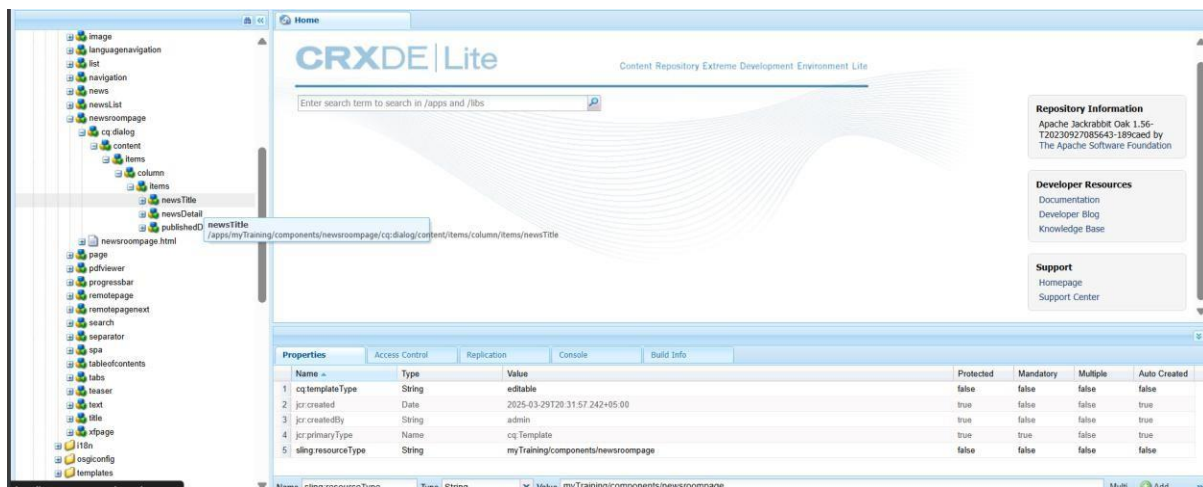
1. Navigate to CRXDE Lite (<http://localhost:4502/crx/de>).
2. Go to /apps/your-project/components/page/.
3. Copy the existing Base Page Component (/apps/core/wcm/components/page/v3/page) and rename it to newsroomPage.
4. Modify newsroomPage.html to customize its structure:

Html code

```
<div class="newsroom-page">  
  
  <sly data-sly-use.page="com.adobe.cq.wcm.core.components.models.Page" />  
  
  <h1>${page.title}</h1>  
  
  <sly data-sly-resource="${'content' @ resourceType='your-project/components/content/news'}"/>  
  
</div>
```

5. Save and activate the component.

Screenshot



Step 2: Create Custom Page Property - NEWS Configurations

1. Go to CRXDE Lite → /apps/your-project/components/page/newsroomPage/cq:dialog
2. Add a new tab called NEWS Configurations in the cq:dialog:

Xml Code

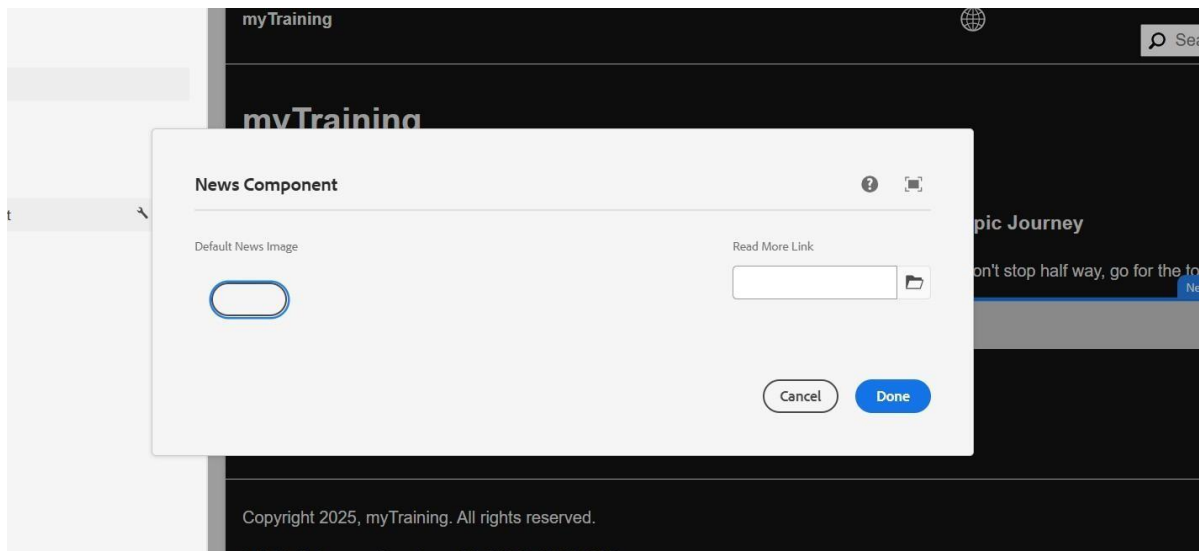
```
<newsConfigurations
  jcr:primaryType="nt:unstructured"
  sling:resourceType="granite/ui/components/coral/foundation/form/fieldset"
  jcr:title="NEWS Configurations">

  <defaultNewsImage
    jcr:primaryType="nt:unstructured"
    sling:resourceType="granite/ui/components/coral/foundation/form/fileupload"
    fieldLabel="Default News Image"
    name="./defaultNewsImage"
    fileReferenceParameter="./defaultNewsImage" />

  <readMoreCTA
    jcr:primaryType="nt:unstructured"
    sling:resourceType="granite/ui/components/coral/foundation/form/textfield"
    fieldLabel="Read More CTA Text"
    name="./readMoreCTA"
    value="Read More"/>
</newsConfigurations>
```

3. Save and activate.


Screenshot





BasePage


Basic Advanced Images Cloud Services Personalization Permissions Progressive Web App Global properties


Please enter Og Image

Og Image 



Default Article Image 

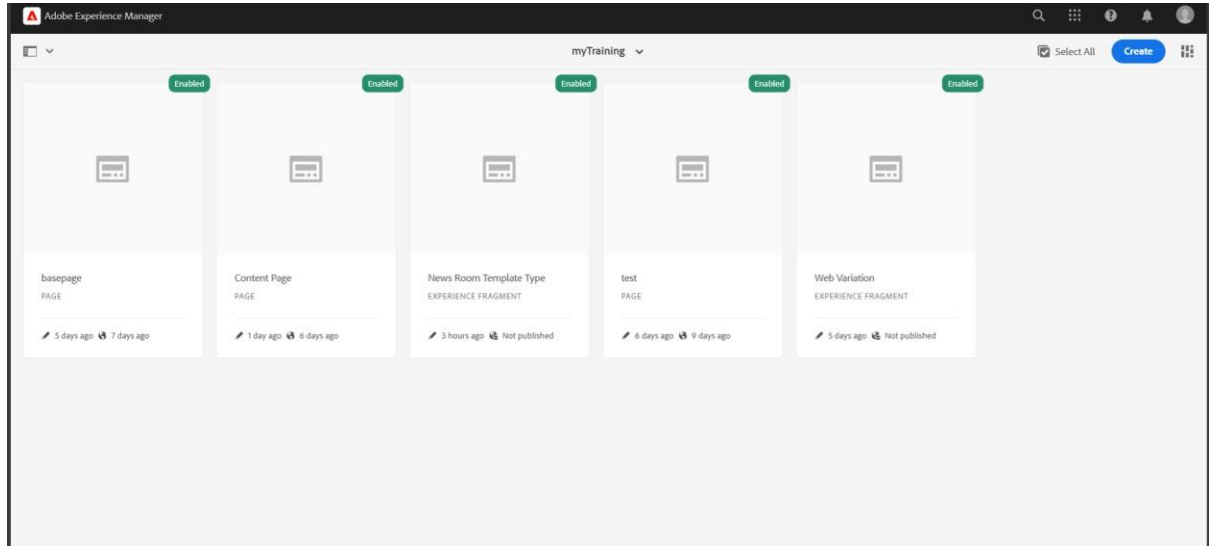


Default Read More Cta Label 

Step 3: Create Newsroom Template Type using Newsroom Page Component

1. Navigate to AEM Tools → Configuration Browser.
2. Create a new Template Type:
 - Name: Newsroom Template Type
 - Allowed Components: newsroomPage
3. Save and publish.

Screenshot



Step 4: Apply Styling from ui.frontend Folder

1. Open your AEM ui.frontend folder.
2. Navigate to ui.frontend/src/main/webpack/components/newsroom.scss.
3. Add styles:

CSS code

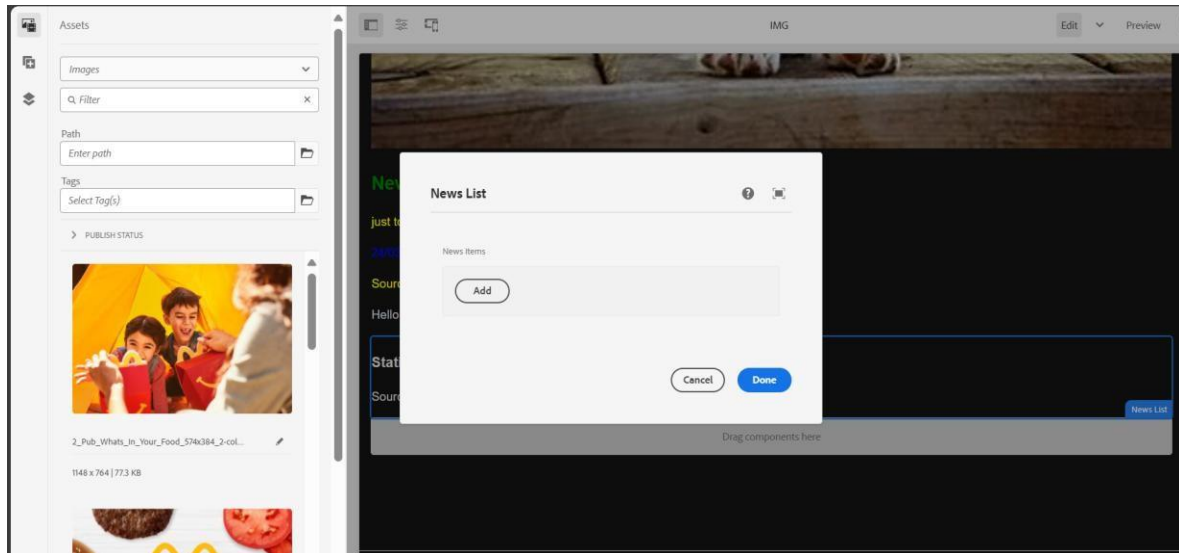
```
.newsroom-page {  
  background-color: #f8f9fa;  
  padding: 20px;  
  
  h1 {  
    font-size: 2rem;  
    color: #333;  
  }  
  
  .news-article {  
    display: flex;  
    flex-direction: column;  
    padding: 10px;  
    border-bottom: 1px solid #ddd;  
  }  
  
  .read-more {  
    display: inline-block;  
    color: #007bff;  
    text-decoration: none;  
    font-weight: bold;  
  }  
}
```

4. Update webpack.config.js to ensure the style is loaded:

```
require('./components/newsroom.scss');
```

5. Deploy and verify in AEM.

Screenshot



Step 6: Create Custom Style for Hello World or News Component

1. Navigate to AEM Tools → General → Policies & Styles.
2. Select Hello World / News Component.
3. Click + Add Style and configure:
 - Style Name: "Newsroom Style"
 - CSS Class: newsroom-style
4. Update your SCSS:

CSS code

```
.newsroom-style {  
  font-family: Arial, sans-serif;  
  border: 1px solid #ccc;  
  padding: 10px;
```

```
background-color: #fff;  
}
```

5. Save and apply the style.

