**Building the News Room Page Component Using the Base Page**

**1.1 Directory Setup**

Navigate to the following path:  
ui.apps/src/main/content/jcr\_root/apps/myTraining/components/structure/

Create a new directory named: newsroom-page

**1.2 Creating the HTML File**

Inside the newsroom-page directory, add a file called newsroom-page.html.  
Use the following code to extend the base-page component:

html

CopyEdit

<sly data-sly-use.basePage="com.myTraining.core.models.BasePageModel">

<div class="newsroom-page">

<sly data-sly-include="@basePage.html"/>

</div>

</sly>

This structure ensures the News Room page retains the layout and styling of the base page.

**2. Adding Custom Page Properties – News Configurations**

**2.1 Define a Dialog for Custom Properties**

Go to:  
ui.apps/src/main/content/jcr\_root/apps/myTraining/components/structure/newsroom-page/

Create a cq:dialog file to let authors configure:

* A default image for news articles
* The "Read More" call-to-action text

Here’s the dialog configuration:

xml

CopyEdit

<jcr:root xmlns:sling="http://sling.apache.org/jcr/sling/1.0"

xmlns:cq="http://www.day.com/jcr/cq/1.0"

xmlns:jcr="http://www.jcp.org/jcr/1.0"

jcr:primaryType="cq:Dialog"

cq:dialogMode="floating">

<content jcr:primaryType="nt:unstructured"

sling:resourceType="granite/ui/components/coral/foundation/container">

<items jcr:primaryType="nt:unstructured">

<newsConfig jcr:primaryType="nt:unstructured"

sling:resourceType="granite/ui/components/coral/foundation/form/fieldset"

jcr:title="NEWS Configurations">

<items jcr:primaryType="nt:unstructured">

<defaultImage jcr:primaryType="nt:unstructured"

sling:resourceType="granite/ui/components/coral/foundation/form/fileupload"

fieldLabel="Default News Image"

name="./defaultNewsImage"/>

<readMoreCTA jcr:primaryType="nt:unstructured"

sling:resourceType="granite/ui/components/coral/foundation/form/textfield"

fieldLabel="Read More CTA"

name="./readMoreCTA"/>

</items>

</newsConfig>

</items>

</content>

</jcr:root>

**3. Creating the Template Type for the News Room Page**

**3.1 Setup Directory for Template Type**

Navigate to:  
ui.apps/src/main/content/jcr\_root/conf/myTraining/settings/wcm/template-types/

Create a folder named: newsroom-template-type

**3.2 Configure Template Type**

Inside the folder, create a .content.xml file with the following content:

xml

CopyEdit

<jcr:root xmlns:sling="http://sling.apache.org/jcr/sling/1.0"

xmlns:cq="http://www.day.com/jcr/cq/1.0"

xmlns:jcr="http://www.jcp.org/jcr/1.0"

jcr:primaryType="cq:TemplateType"

jcr:title="News Room Template Type"

allowedPaths="/content/myTraining(/.\*)?"

allowedChildren="/apps/myTraining/components/structure/newsroom-page"/>

**4. Creating the News Room Template**

**4.1 Create Template Folder**

Navigate to:  
ui.apps/src/main/content/jcr\_root/conf/myTraining/settings/wcm/templates/

Make a new folder named: newsroom-template

**4.2 Configure Template**

In the new folder, create a .content.xml file with the following:

xml

CopyEdit

<jcr:root xmlns:sling="http://sling.apache.org/jcr/sling/1.0"

xmlns:cq="http://www.day.com/jcr/cq/1.0"

xmlns:jcr="http://www.jcp.org/jcr/1.0"

jcr:primaryType="cq:Template"

jcr:title="News Room Template"

jcr:description="Template for News Room Pages"

allowedPaths="/content/myTraining(/.\*)?"

cq:templateType="/conf/myTraining/settings/wcm/template-types/newsroom-template-type"/>

**5. Applying Styling from the ui.frontend Folder**

**5.1 Define SCSS Styles**

Navigate to:  
ui.frontend/src/main/webpack/components/news/

Open the news.scss file and add:

scss

CopyEdit

.news-component {

h2 {

color: green;

}

p {

color: yellow;

}

.date {

color: black;

}

}

These styles set the title in green, the description in yellow, and the date in black for the news component.

**6. Creating Custom Styles for Hello World or News Component**

**6.1 Define Style Options in .content.xml**

Go to:  
ui.apps/src/main/content/jcr\_root/apps/myTraining/components/news/

Add the following configuration inside .content.xml:

xml

CopyEdit

<jcr:root xmlns:sling="http://sling.apache.org/jcr/sling/1.0"

xmlns:cq="http://www.day.com/jcr/cq/1.0"

xmlns:jcr="http://www.jcp.org/jcr/1.0"

jcr:primaryType="nt:unstructured">

<cq:styleClasses jcr:primaryType="nt:unstructured">

<style1 jcr:primaryType="nt:unstructured"

cq:styleLabel="Green Header"

cq:styleId="green-header"/>

<style2 jcr:primaryType="nt:unstructured"

cq:styleLabel="Yellow News Detail"

cq:styleId="yellow-news-detail"/>

</cq:styleClasses>

</jcr:root>

This allows authors to apply the styles via the AEM Style System UI for better content flexibility.



