

### 21.3.25

#### Tasks

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#### 1. Create News Room Page Component Using Base Page Component

##### 1.1 Folder Structure

Navigate to the following directory:

ui.apps/src/main/content/jcr\_root/apps/myTraining/components/structure/

Create a new folder named:

newsroom-page

##### 1.2 Create News Room Page HTML File

Inside the newsroom-page folder, create a new file named newsroom-page.html and extend the base-page component:

```

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

  <div class="newsroom-page">

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

  </div>

</sly>

```

This code imports the `basePage` component and wraps it inside a `div` with the class `newsroom-page`, ensuring that the News Room page inherits the structure and styling from the `base-page` component.

## 2. Create Custom Page Property: NEWS Configurations

### 2.1 Create CQ Dialog for News Configuration

Navigate to:

```
ui.apps/src/main/content/jcr_root/apps/myTraining/components/structure/newsroom-page/
```

Create a new dialog file named `cq:dialog` to allow authors to configure the page's news-specific properties such as default news image and the "Read More" CTA text.

```

<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"

```



```
        </items>

    </newsConfig>

</items>

</content>

</jcr:root>
```

This configuration allows authors to:

- Upload a default image for news articles (defaultImage).
- Specify the "Read More" call-to-action text (readMoreCTA).

### **3. Create News Room Template Type Using News Room Page Component**

#### **3.1 Folder Structure for Template Types**

Navigate to:

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

Create a new folder named:

newsroom-template-type

#### **3.2 Create .content.xml for Template Type**

Inside the newsroom-template-type folder, create a file named .content.xml with the following content:

```
<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"
```

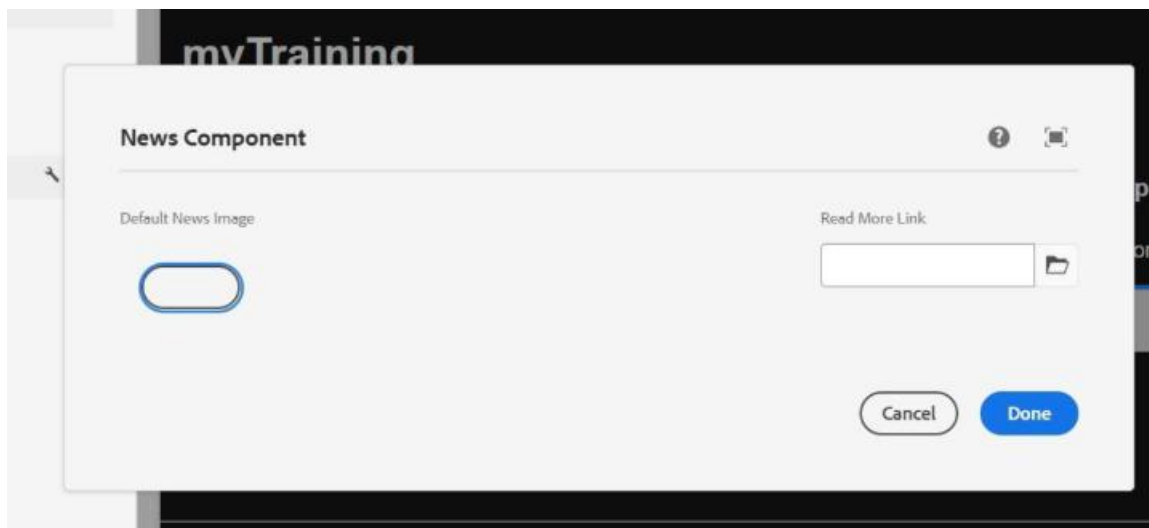
```
jcr:primaryType="cq:TemplateType"
```

```
jcr:title="News Room Template Type"
```

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

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

This defines a new template type, News Room Template Type, specifying that it can be used under /content/myTraining and supports newsroom-page as its child component.



## 4. Create News Room Template Using News Room Template Type

### 4.1 Folder Structure for Templates

Navigate to:

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

Create a new folder named:

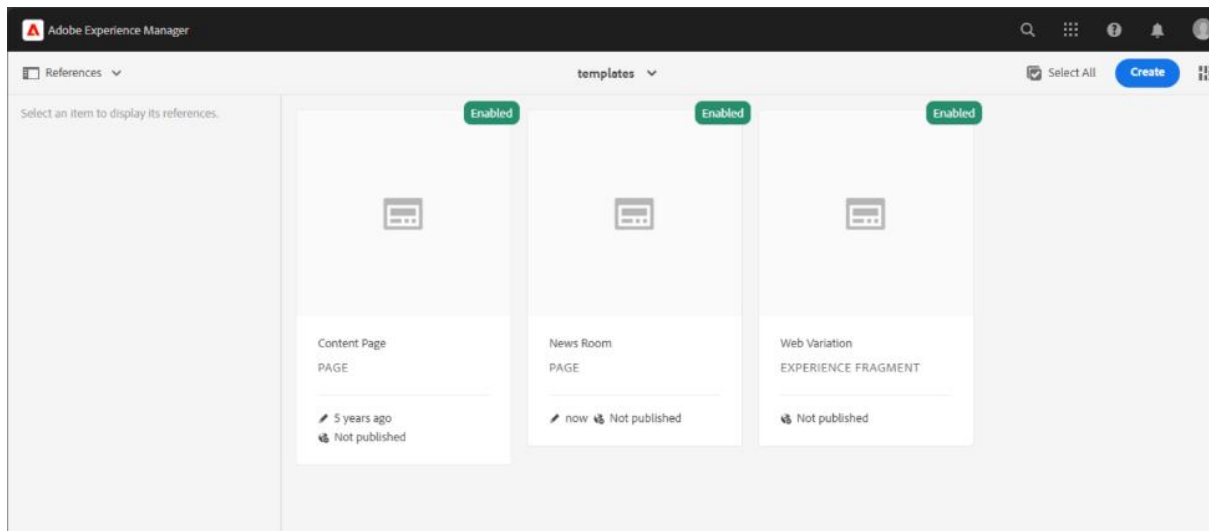
newsroom-template

#### 4.2 Create .content.xml for Template

Inside the newsroom-template folder, create a file named .content.xml with the following content:

```
<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"/>
```

This creates a News Room Template using the newsroom-template-type defined earlier, allowing authors to select this template for pages in the /content/myTraining path.



## 5. Apply Styling to News/Hello World Component from `ui.frontend`

### 5.1 Locate the News Component Styles

Navigate to:

`ui.frontend/src/main/webpack/components/news/`

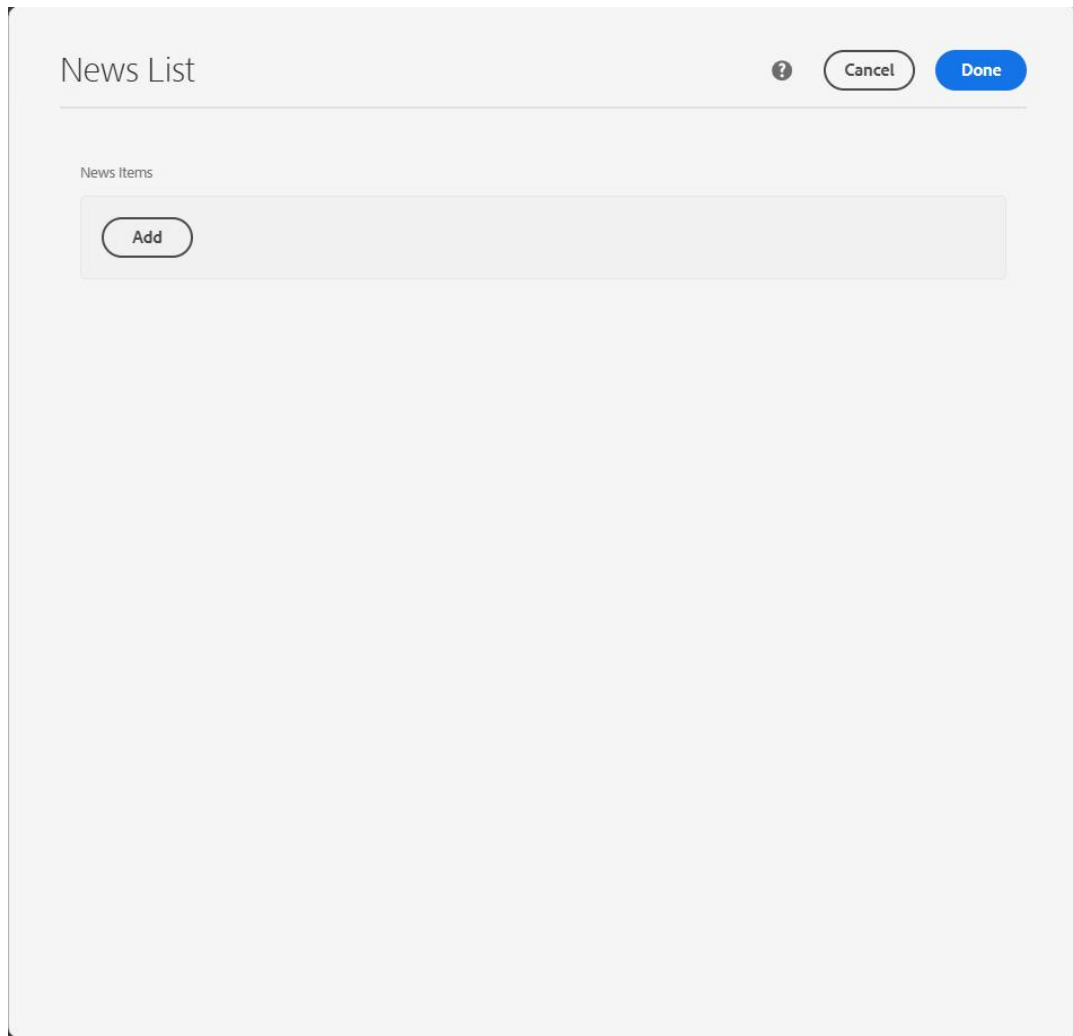
Locate the file `news.scss` and add the following styles:

```
.news-component {  
  
  h2 { color: green; }  
  
  p { color: yellow; }  
  
  .date { color: black; }  
  
}
```

These styles apply:

- Green to the title (`h2`).
- Yellow to the news details (`p`).

- *Black to the date.*



## *6. Create Custom Style to Apply Above Styling to Hello World or News Component*

### *6.1 Define Custom Styles for News Component*

*Navigate to:*

*ui.apps/src/main/content/jcr\_root/apps/myTraining/components/news/*

*Create a new cq:style configuration inside .content.xml:*

```
<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 configuration allows users to apply specific styles like Green Header and Yellow News Detail through AEM's style system.

