AEM Task -3 Documentation
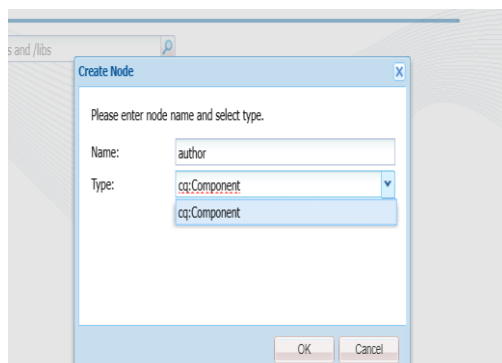
By Priyanka

1. Create an Author Component

Steps:
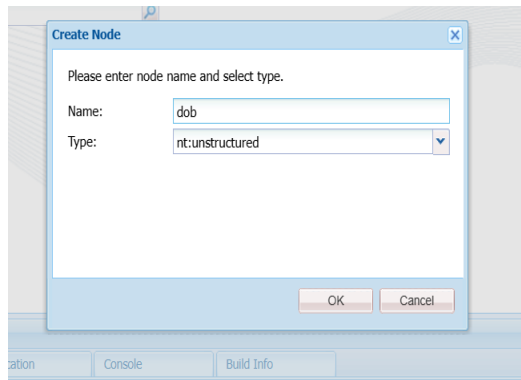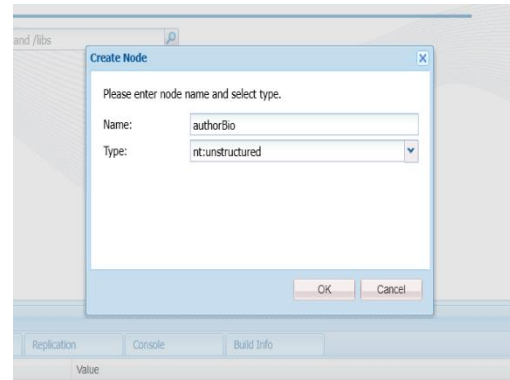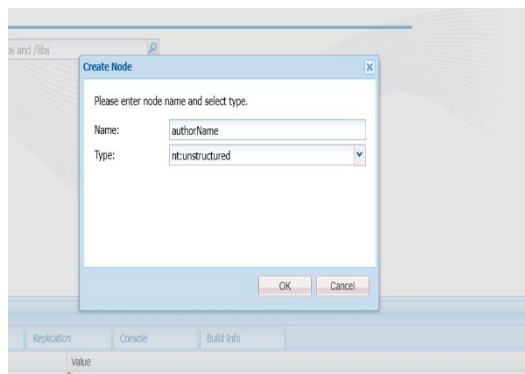
Navigate to AEM CRXDE Lite

- o Go to /apps/project/components/author and create a new component.

- o Add a cq:dialog node for the configuration dialog.

Define Dialog Fields

- o Add the following fields under cq:dialog/content/items

    - **Author Name**: Single-line text field (granite/ui/components/foundation/form/text) → Set required.

    - **Author Bio**: Multi-line text field (granite/ui/components/foundation/form/textarea) → Set required.

    - **DOB**: Date picker (granite/ui/components/foundation/form/datepicker) → Set required.

2. Fetch Values Using HTL Properties

Steps:

Inside the component HTML file (author.html), use HTL (data-sly-use) to fetch values.

Use HTL properties like:

- ${properties.authorName}
- ${properties.authorBio}
- ${properties.dob}
-

3. Dialog Validation

What is Dialog Validation?

- Dialog validation ensures that required fields are filled before submitting the dialog.
- To enable validation, set the property required to true in each dialog field.

4. Implement ClientLib

What is ClientLib?

- A Client Library (clientlib) in AEM is used to manage JavaScript and CSS.

Steps:

1. Create clientlib under /apps/project/components/author.
2. Add a css.txt and author.css file to style the component.
   - **Make authorName an h1 tag**.
   - **Make authorBio a normal body text**.
   - **Bold the dob field**.
3. Include clientlib in the component using:

   <cq:includeClientLib categories="author-styles" />

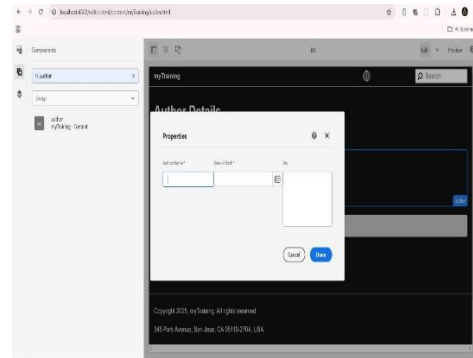**5. ExtraClientLib & Custom ClientLib**
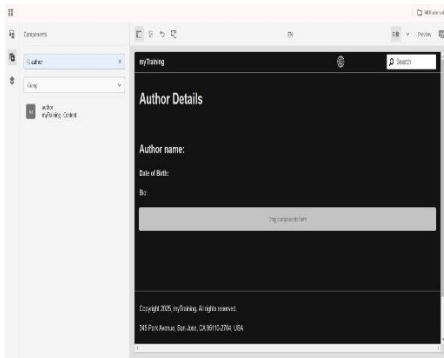
What is ExtraClientLib?

- extraClientLibs allows adding additional client libraries at runtime.
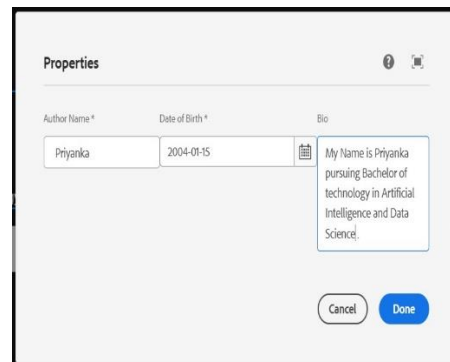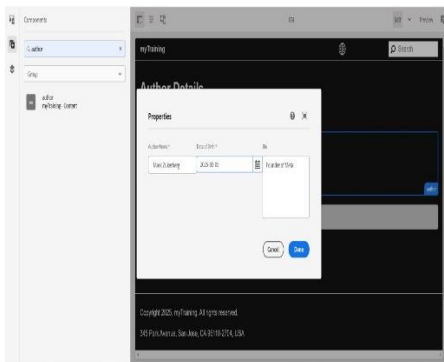
How to Create & Use?

1. Define an extraClientLib in the component properties.
2. Load it dynamically in the cq:dialog.
3. Use data-sly-use to access the extra client libraries in HTL.

6. Testing and Deploying

- Save all changes and deploy the component.
- Test the Author Component in AEM.
- Add component to the AEM site inside the myTraining > us > en, select edit and add component author.

- Provide Properties to the component

- And display the result.