

DAY – 3 (TASK)

1. Create an Author component which will have 3 fields
2. Author Name-single line text field-Mandetry
3. Author Bio-multiline text field-Mandetry
4. Dob-date picker-Mandetry
5. create the component with above dialog fields
6. Fetch this value directly using html properties tag
7. What is Dialog validation how to use them?
8. What is client lib?
9. Implement client lib make authorName h1
10. Make author bio normal body text
11. Bold the dob
12. What is extracientlib and how to create custom?

Run the jar file first

>> java -jar aem-author-p4502.jar

```
Microsoft Windows [Version 10.0.22631.4974]
(c) Microsoft Corporation. All rights reserved.

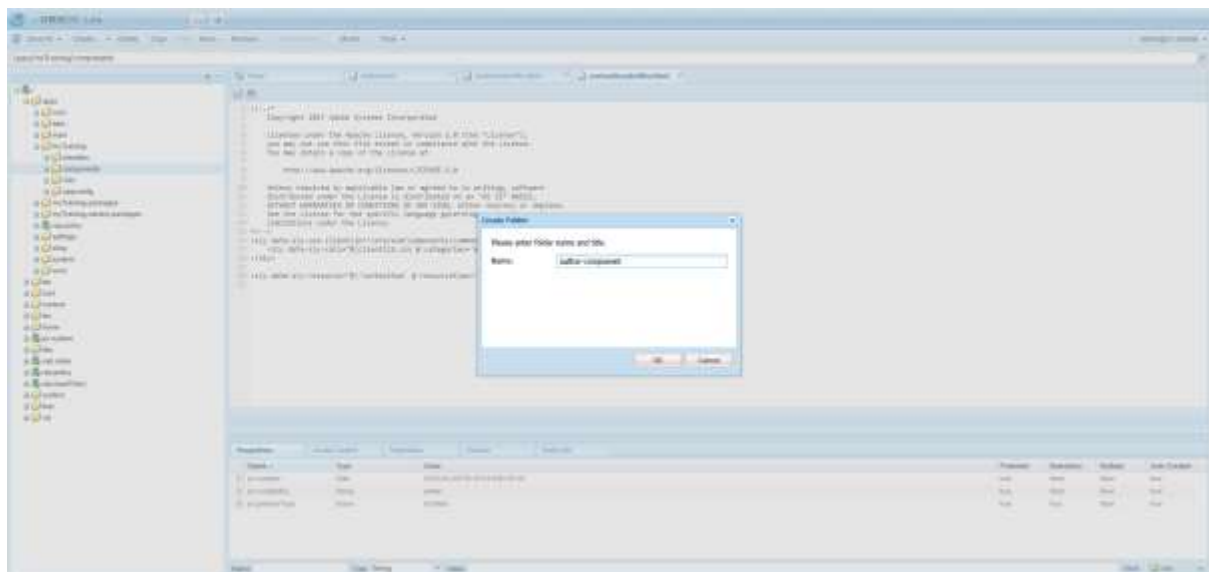
C:\M-03\MAVEN-SRC>java -jar aem-author-p4502
Error: Unable to access jarfile aem-author-p4502

C:\M-03\MAVEN-SRC>java -jar aem-author-p4502.jar
Loading quickstart properties: default
Loading quickstart properties: instance
Low-memory action set to fork
Using 64bit VM settings, min.heap=1024MB, min.permgen=256MB, default fork arguments=[-Xmx1024m, -XX:MaxPermSize=256m]
The JVM reports a heap size of 3908 MB, meets our expectation of 1024 MB +/- 20
Setting properties from filename 'C:\M-03\MAVEN-SRC\author-p4502.jar'
Option '-quickstart.server.port' set to '4502' from filename aem-author-p4502.jar
Verbose option not active, closing stdin and redirecting stdout and stderr
Redirecting stdout to C:\M-03\MAVEN-SRC\crx-quickstart\logs\stdout.log
Redirecting stderr to C:\M-03\MAVEN-SRC\crx-quickstart\logs\stderr.log
Press CTRL-C to shutdown the Quickstart server...
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by org.apache.sling.commons.threads.impl.ThreadLocalCleaner (launchpad:resources/inst
all/15/org.apache.sling.commons.threads-3.2.22.jar) to field java.lang.Thread.threadLocals
WARNING: Please consider reporting this to the maintainers of org.apache.sling.commons.threads.impl.ThreadLocalCleaner
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations
WARNING: All illegal access operations will be denied in a future release
```

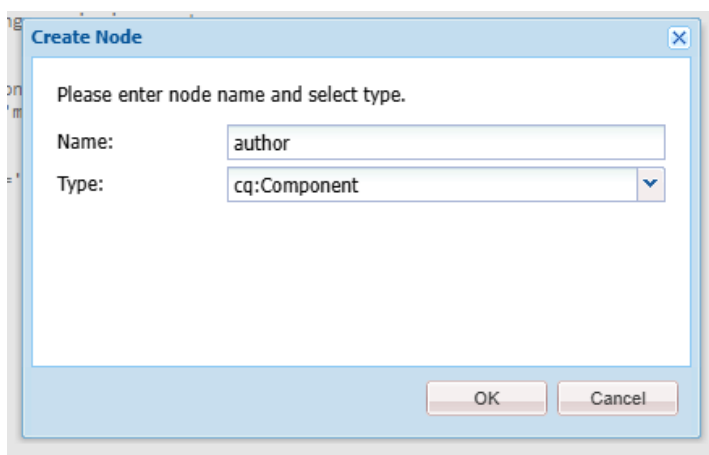
Use the below link to open the **crxde**

<http://localhost:4502/crx/de/index.jsp>

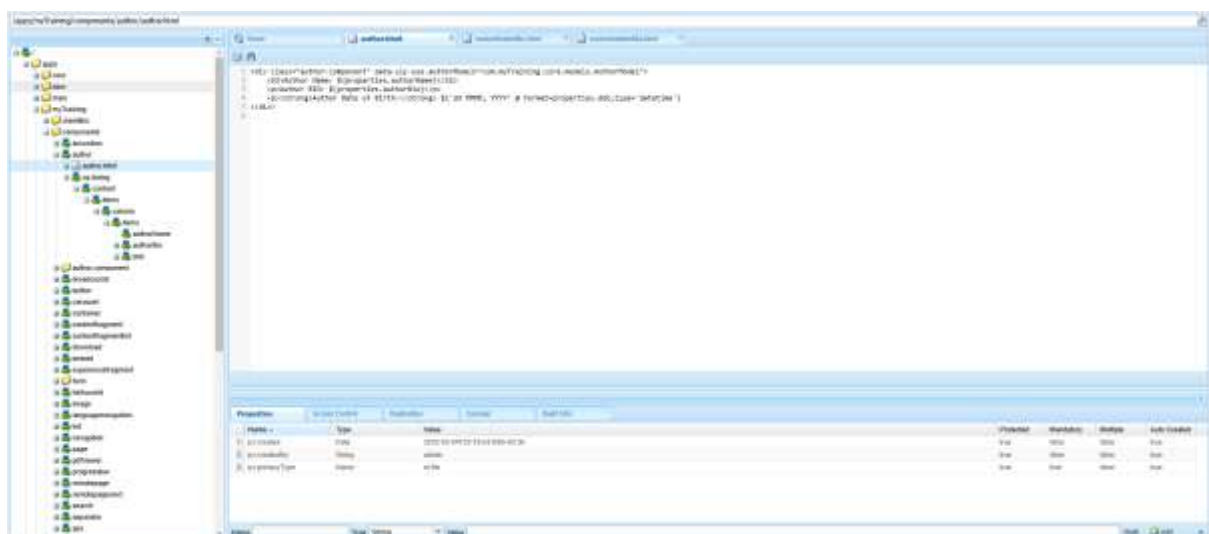
Create author-component /apps/myTraining/components



Create a author component of type cq:component



Then set properties



In author.html put the below code

```
>> <div class="author-component"

    data-sly-use.authorModel="com.myTraining.core.models.AuthorModel">

    <h2>Author Name: ${properties.authorName}</h2>

    <p>Author BIO: ${properties.authorBio}</p>

    <p><strong>Author Date of Birth:</strong> ${'dd MMMM, YYYY' @
format=properties.dob,type='datetime'}

</div>
```

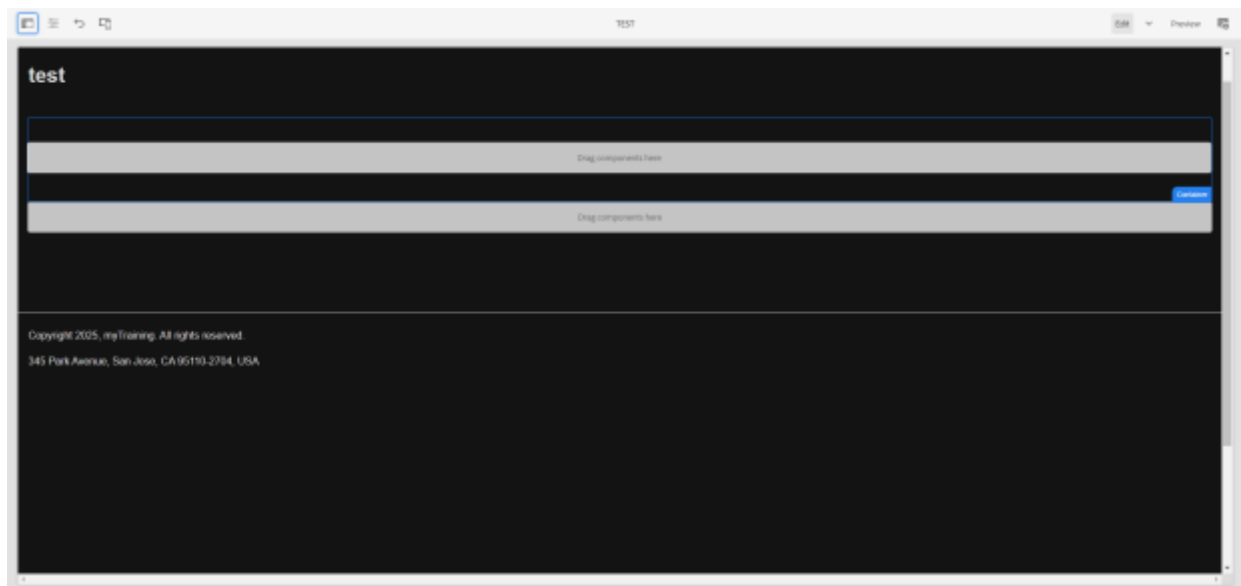
Client lib:

ClientLib (Client Library Folder) in AEM is used to manage CSS, JavaScript, and other frontend assets in a structured way

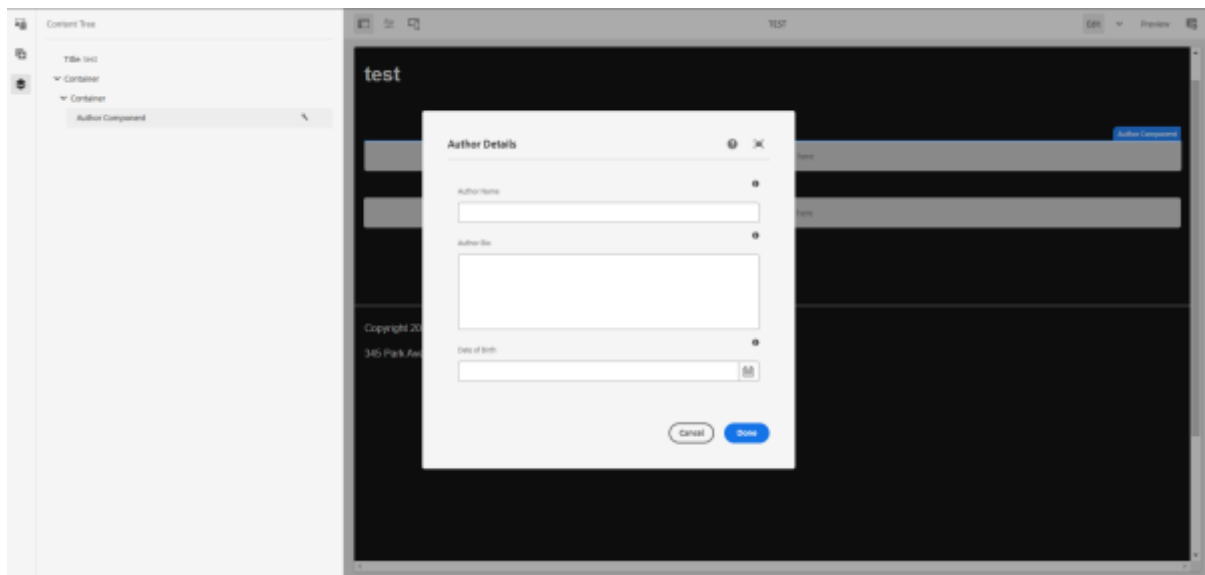
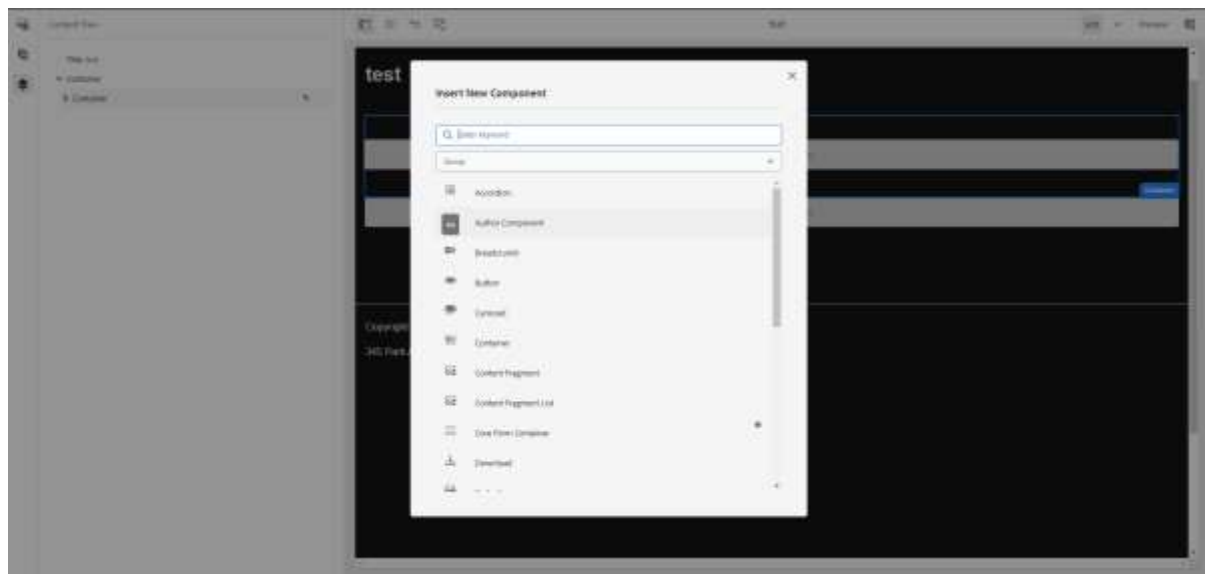
We need to create a folder clientlib inside the author_component

First, we need to create or edit and webpage in AEM sites

<http://localhost:4502/editor.html/content/myTraining/us/en/test.html>



Add the author component



Author Details

Author Name

Author Bio

Date of Birth

Cancel

Done

Output:

test

Author Name: Aswin C

Author Bio: Author Bio

Author Date of Birth: 04 March, 2025 Author Completed

Drag components here

Drag components here

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