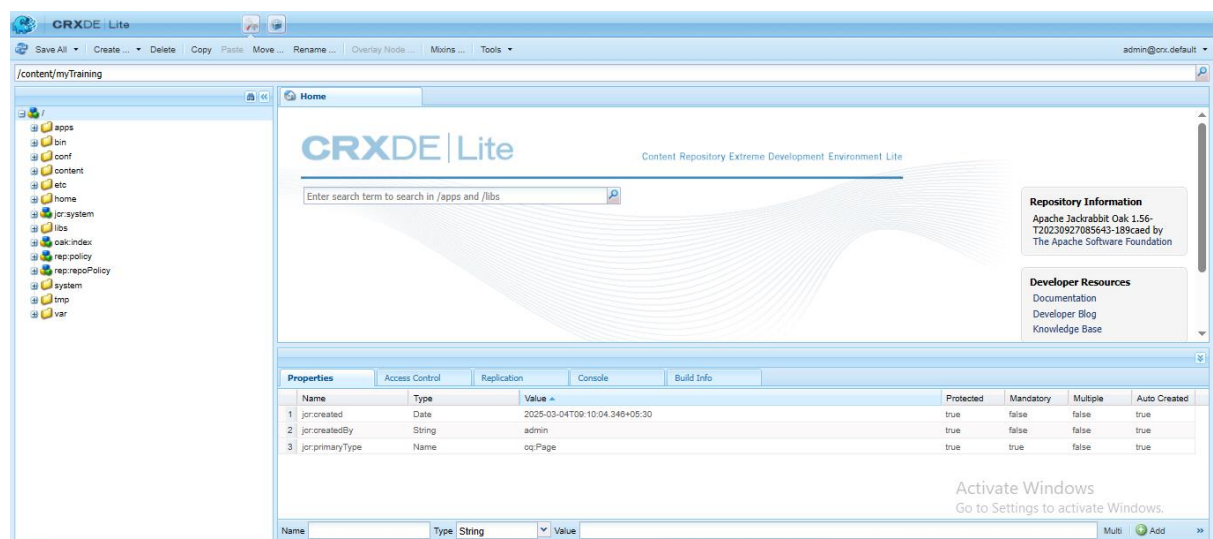


First step we need to run the AEM

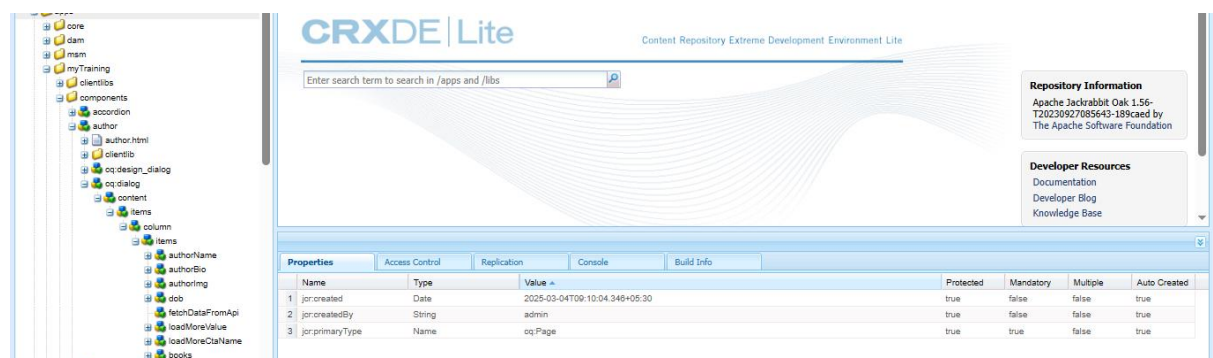
```
C:\Windows\System32\cmd.exe - java -jar aem-author-p4502.jar
Microsoft Windows [Version 10.0.19045.5487]
(c) Microsoft Corporation. All rights reserved.

E:\Author>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 4050 MB, meets our expectation of 1024 MB +/- 20
Setting properties from filename 'E:\Author\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 E:\Author\crx-quickstart\logs\stdout.log
Redirecting stderr to E:\Author\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
```

Then we need to open the CRXDE using the link <http://localhost:4502/crx/de/index.jsp#>



We need to create properties in this hierarchy



Modify the author model according the requirement

```
AuthorModel.java X AuthorModelImpl.java
1 package com.myTraining.core.models;
2
3 import java.util.Date;
4
5
6 public interface AuthorModel {
7     String getAuthorName();
8     String getAuthorBio();
9     Date getDob();
10    String authorImg();
11    // String fetchApi();
12    List<String> getBooks();
13    String getLoadMoreValue();
14    String getLoadMoreCtaName();
15 }
```

Modify the AuthormodelImpl according the requirement

```
AuthorModel.java AuthorModelImpl.java X
1 package com.myTraining.core.models.impl;
2
3 import com.myTraining.core.models.AuthorModel;
4
5
6 @Model(adaptables = SlingHttpServletRequest.class, adapters = AuthorModel.class)
7 public class AuthorModelImpl implements AuthorModel {
8
9     private static final Logger LOG = LoggerFactory.getLogger(AuthorModelImpl.class);
10
11     @ValueMapValue
12     private String authorName;
13
14     @ValueMapValue
15     private String authorBio;
16
17     @ValueMapValue
18     private Date dob;
19
20     @ValueMapValue
21     private String authorImg;
22
23     @ValueMapValue
24     private String loadMoreValue;
25
26     @ValueMapValue
27     private String loadMoreCtaName;
28
29     @ValueMapValue
30     private List<String> books;
31
32     private String fetchApi;
33 }
```

Create a author.html and put this html code in it

### author.html

```
<sly data-sly-use.clientlib="core/wcm/components/commons/v1/templates/clientlib.html">
    <sly data-sly-call="{clientlib.all @ categories='myTraining.authorcomponent', async=true}"/>
</sly>

<div class="author-component" data-sly-
use.authorModel="com.myTraining.core.models.AuthorModel">

    <div>

    </div>

    <div class="apii">${authorModel.fetchApi}</div>

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

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

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

    <div data-sly-list.item="{authorModel.books}">

        <h2> Books By Author</h2>

        <p>${item}</p>

        <div class="{properties.fetchDataFromApi}">

            </div>

            <div class="author-container">

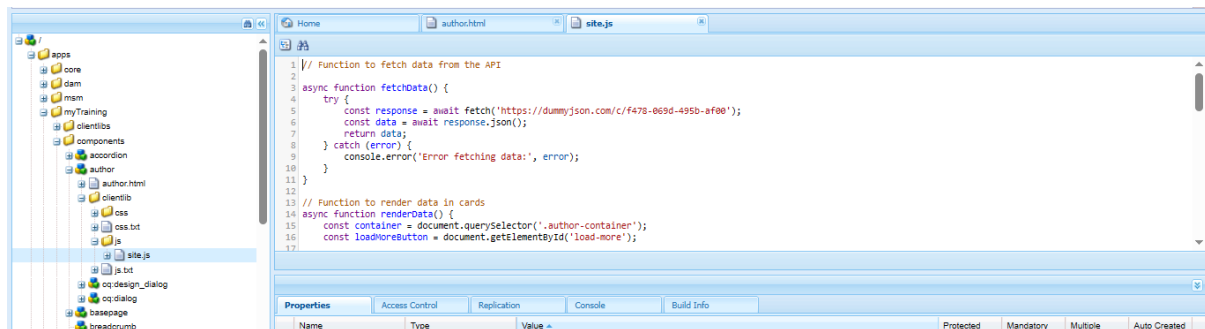
                </div>

                <button id="load-more" data-cards-to-
show="{authorModel.loadMoreValue}">${authorModel.loadMoreCtaName}</button>

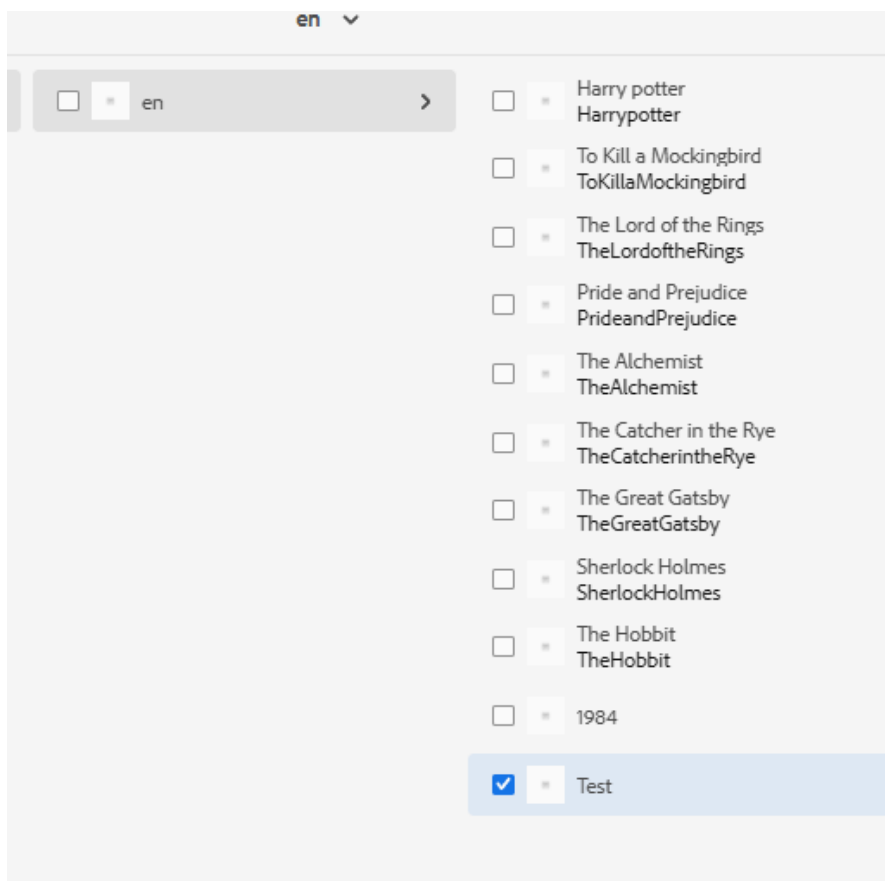
            </div>

        </div>
```

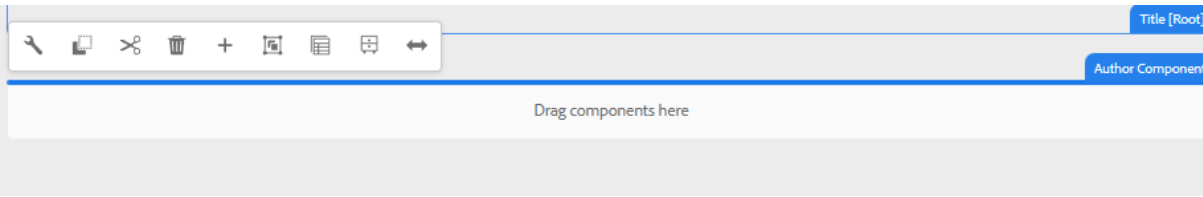
In order to fetch data from the root path we need to create a site.js javascript file in this hierarchy and enter the javascript code which will fetch the data from the dummy api we are using this api <https://dummyjson.com/c/f478-069d-495b-af00> which is a dummy api



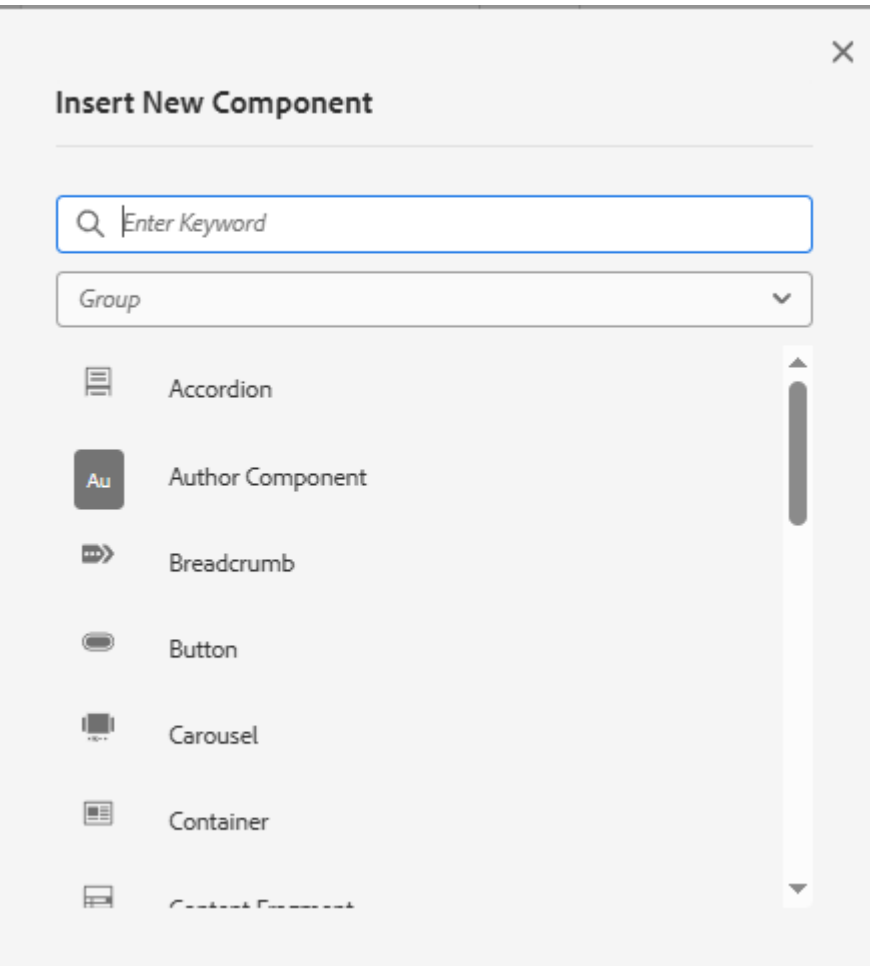
Then we need to create a site for inserting the component here I am creating a page and named it as page



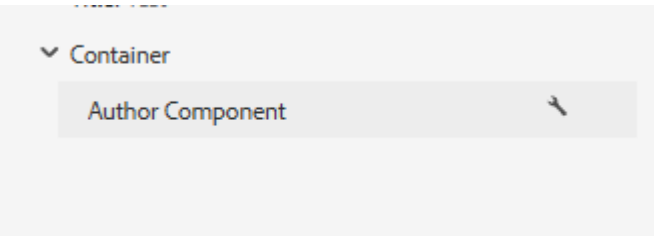
Inside the web page we need to add the author component



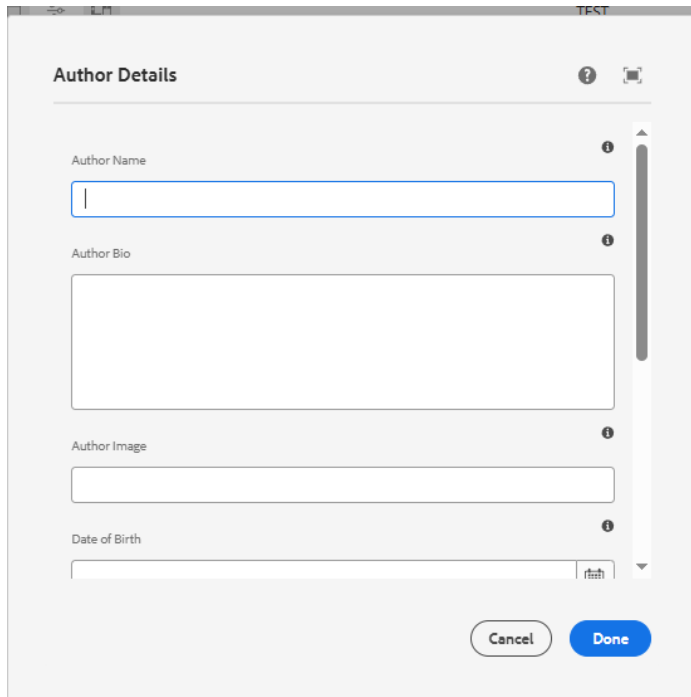
Search of Author component and add it to the web page



In the left hand side there's the author component and modify it

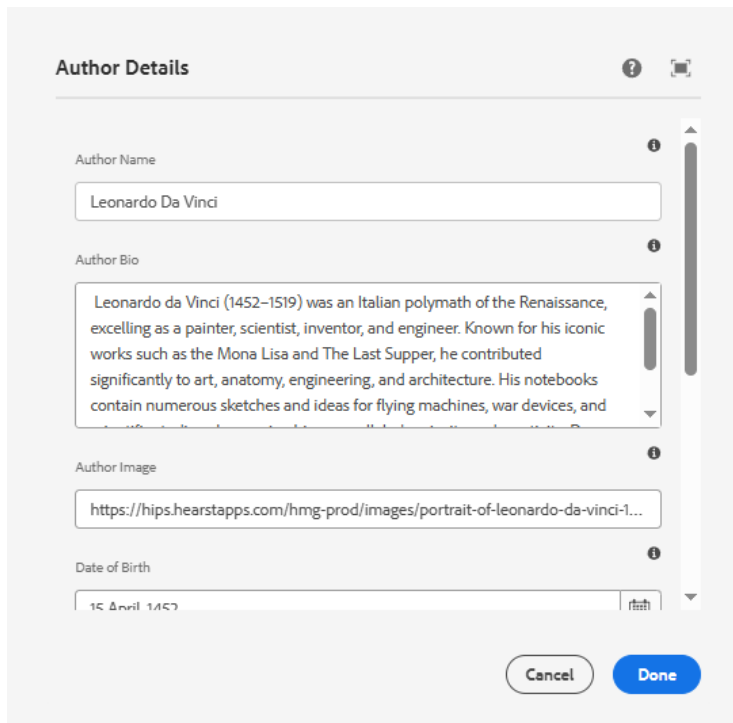


You see a dialog box with author details



The screenshot shows a dialog box titled "Author Details" with a question mark icon and a close button in the top right corner. The dialog contains four input fields, each with an information icon to its right: "Author Name" (a single-line text field), "Author Bio" (a multi-line text area), "Author Image" (a single-line text field), and "Date of Birth" (a date picker). At the bottom of the dialog are "Cancel" and "Done" buttons. The dialog is set against a light gray background.

Enter the author's details in the dialog box



This screenshot shows the same "Author Details" dialog box, but now the fields are populated with information about Leonardo Da Vinci. The "Author Name" field contains "Leonardo Da Vinci". The "Author Bio" field contains a paragraph: "Leonardo da Vinci (1452–1519) was an Italian polymath of the Renaissance, excelling as a painter, scientist, inventor, and engineer. Known for his iconic works such as the Mona Lisa and The Last Supper, he contributed significantly to art, anatomy, engineering, and architecture. His notebooks contain numerous sketches and ideas for flying machines, war devices, and...". The "Author Image" field contains a URL: "https://hips.hearstapps.com/hmg-prod/images/portrait-of-leonardo-da-vinci-1...". The "Date of Birth" field shows "15 April 1452". The "Cancel" and "Done" buttons remain at the bottom.

Enable the checker box to fetch the data from the API and enter the Load More Card Value as you want it will load the cards each time you click Load more button

☒ Fetch data from Api? if yes please check the box below ⓘ

Load More Card Value ⓘ

Load More Cta Name ⓘ


Author's Books  

Add

Cancel

Done

In the webpage as we see we get the author details with the list of books



**Author Name: Leonardo Da Vinci**

Activate Windows  
Go to Settings to activate Windows.

**Author Name: Leonardo Da Vinci**

Author BIO: Leonardo da Vinci (1452–1519) was an Italian polymath of the Renaissance, excelling as a painter, scientist, inventor, and engineer. Known for his iconic works such as the Mona Lisa and The Last Supper, he contributed significantly to art, anatomy, engineering, and architecture. His notebooks contain numerous sketches and ideas for flying machines, war devices, and scientific studies, showcasing his unparalleled curiosity and creativity. Da Vinci's works and ideas continue to inspire the world, making him a timeless symbol of genius and innovation.

Author Date of Birth: 24 April, 1452

**Books By Author**

Leonardo Da Vinci

**The Silent Patient**  
A psychological thriller about a woman who shoots her husband and never speaks again.

**Where the Crawdads Sing**  
A coming-of-age murder mystery set in the marshes of North Carolina.

**Atomic Habits**  
A practical guide to building good habits and breaking bad ones.

**The Alchemist**  
A story about following your dreams and discovering your destiny.

Load more

Activate Windows  
Go to Settings to activate Windows.

If we click Load more we get 4 more books

Leonardo Da Vinci

**The Silent Patient**

A psychological thriller about a woman who shoots her husband and never speaks again.

**Where the Crawdads Sing**

A coming-of-age murder mystery set in the marshes of North Carolina.

**Atomic Habits**

A practical guide to building good habits and breaking bad ones.

**The Alchemist**

A story about following your dreams and discovering your destiny.

**The Subtle Art of Not Giving a F\*ck**

A self-help book about embracing life's challenges and being comfortable with failure.

**Rich Dad Poor Dad**

A book about financial literacy and building wealth through smart investments.

**1984**

A dystopian novel about a totalitarian regime and the loss of individual freedom.

**The Great Gatsby**

A novel about the American dream and the disillusionment of the Jazz Age.

Load more

Activate Windows  
Go to Settings to activate Windows.

If we again click Load more we get 4 more books

**The Silent Patient**

A psychological thriller about a woman who shoots her husband and never speaks again.

**Where the Crawdads Sing**

A coming-of-age murder mystery set in the marshes of North Carolina.

**Atomic Habits**

A practical guide to building good habits and breaking bad ones.

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A dystopian novel about a totalitarian regime and the loss of individual freedom.

**The Great Gatsby**

A novel about the American dream and the disillusionment of the Jazz Age.

**To Kill a Mockingbird**

A classic novel about racial injustice and moral growth in the Southern United States.

**The Catcher in the Rye**

A story about teenage rebellion and the struggle to find one's place in the world.

**The Book Thief**

A historical novel set in Nazi Germany, told from the perspective of Death.

**Sapiens: A Brief History of Humankind**

A book exploring the history of humankind from the Stone Age to modern civilization.

Load more

Activate Windows  
Go to Settings to activate Windows.