

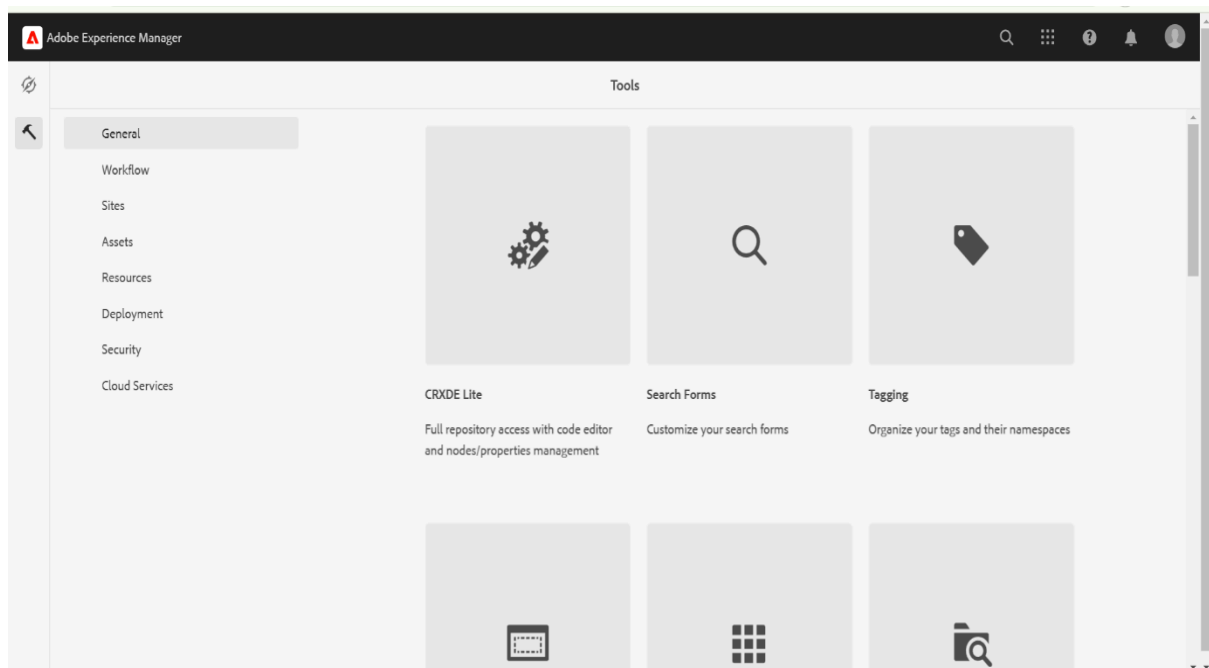
# **AEM COMPONENT CREATION**

1. Creating an Author component which will have 3 fields

Author Name-single line text field-Mandatory

Author Bio-multiline text field-Mandatory

Dob-date picker-Mandatory



CRXDE | Lite

Save All | Create ... | Delete | Copy | Paste | Move ... | Rename ... | Overlay Node ... | Maxims ... | Tools

admin@crx.default

/content

Home

apps

bin

conf

content

etc

home

jcr:system

libs

oak:index

rep:policy

rep:repoPolicy

system

tmp

var

CRXDE | Lite

Content Repository Extreme Development Environment Lite

Enter search term to search in /apps and /libs

Repository Information

Apache Jackrabbit Oak 1.56-T20230927085643-189caed by The Apache Software Foundation

Developer Resources

Documentation

Developer Blog

Knowledge Base

Properties

Access Control

Replication

Console

Build Info

Name	Type	Value	Protected	Mandatory	Multiple	Auto Created
1 jcr:created	Date	2025-03-03T08:43:48.737+05:30	true	false	false	true
2 jcr:createdBy	String	admin	true	false	false	true
3 jcr:mixinTypes	Name[]	rep:AccessControllable	true	false	true	false
4 jcr:primaryType	Name	sling:OrderedFolder	true	true	false	true

Name | Type String | Value | Multi Add

localhost:4502/crx/de/index.jsp

CRXDE | Lite

Save All | Create ... | Delete | Copy | Paste | Move ... | Rename ... | Overlay Node ... | Maxims ... | Tools

admin@crx.default

/content

Home

apps

core

dam

msm

myTraining

myTraining-packages

myTraining-vendor-packages

rep:policy

settings

sling

system

wcm

bin

conf

content

etc

home

jcr:system

libs

oak:index

rep:policy

rep:repoPolicy

system

tmp

var

CRXDE | Lite

Content Repository Extreme Development Environment Lite

Enter search term to search in /apps and /libs

Repository Information

Apache Jackrabbit Oak 1.56-T20230927085643-189caed by The Apache Software Foundation

Developer Resources

Documentation

Developer Blog

Knowledge Base

Properties

Access Control

Replication

Console

Build Info

Name	Type	Value	Protected	Mandatory	Multiple	Auto Created
1 jcr:created	Date	2025-03-03T08:43:48.737+05:30	true	false	false	true
2 jcr:createdBy	String	admin	true	false	false	true
3 jcr:mixinTypes	Name[]	rep:AccessControllable	true	false	true	false
4 jcr:primaryType	Name	sling:OrderedFolder	true	true	false	true

Name | Type String | Value | Multi Add

CRXDE | Lite

Save All Create ... Delete Copy Paste Move ... Rename ... Overlay Node ... Maxims ... Tools

admin@crx default

/content

Home

# CRXDE | Lite

Content Repository Extreme Development Environment Lite

Enter search term to search in /apps and /libs

**Repository Information**  
Apache Jackrabbit Oak 1.56-  
T20230927085643-189caed by  
The Apache Software Foundation

**Developer Resources**  
Documentation  
Developer Blog  
Knowledge Base

**Properties** Access Control Replication Console Build Info

Name	Type	Value
1 jcr:created	Date	2025-03-03T08:43:48.737+05:30
2 jcr:createdBy	String	admin
3 jcr:mixinTypes	Name[]	rep:AccessControllable
4 jcr:primaryType	Name	sling:OrderedFolder

Name: Type: String Value:

localhost:4502/crx/de/index.jsp#

Snipping Tool

Screenshot copied to clipboard  
Automatically saved to screenshots folder.

Mark-up and share

CRXDE | Lite

Save All Create ... Delete Copy Paste Move ... Rename ... Overlay Node ... Maxims ... Tools

admin@crx default

/apps/myTraining/components/author

Home

# CRXDE | Lite

Content Repository Extreme Development Environment Lite

Enter search term to search in /apps and /libs

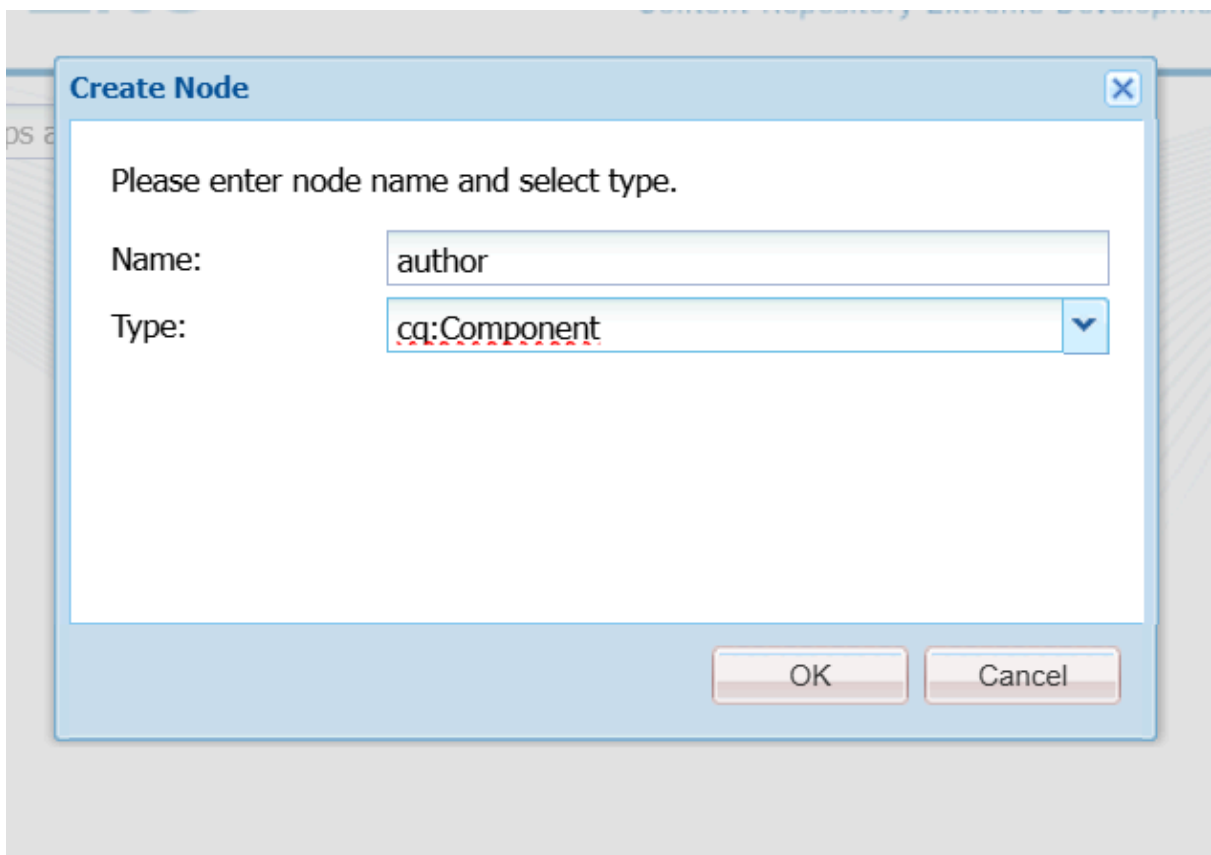
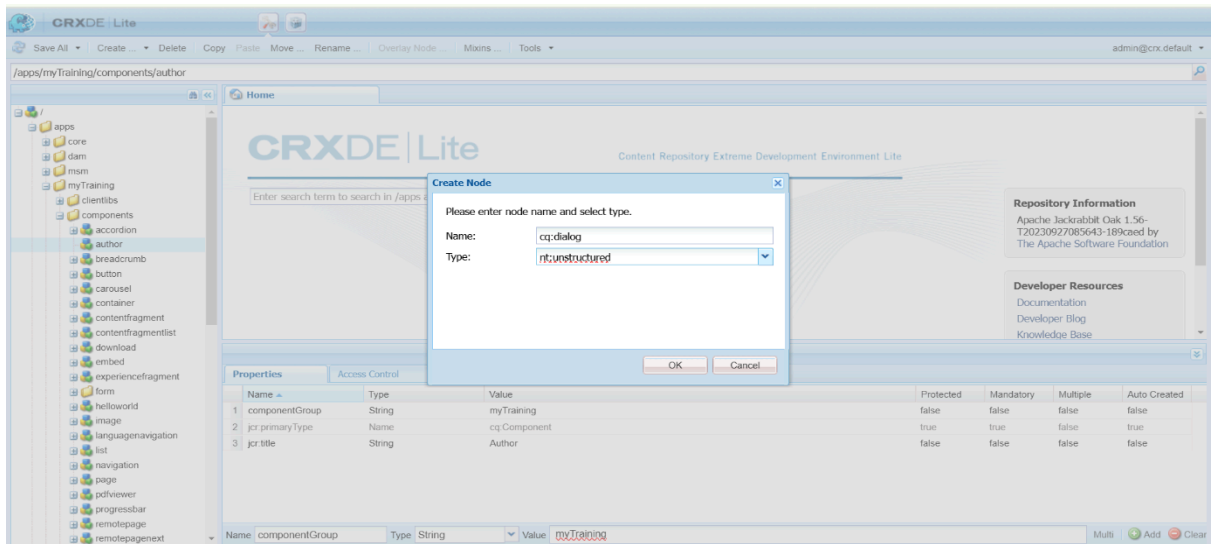
**Repository Information**  
Apache Jackrabbit Oak 1.56-  
T20230927085643-189caed by  
The Apache Software Foundation

**Developer Resources**  
Documentation  
Developer Blog  
Knowledge Base

**Properties** Access Control Replication Console Build Info

Name	Type	Value	Protected	Mandatory	Multiple	Auto Created
1 componentGroup	String	myTraining	false	false	false	false
2 jcr:primaryType	Name	cq:Component	true	true	false	true
3 jcr:title	String	Author	false	false	false	false

Name: componentGroup Type: String Value: myTraining Multi Add Clear



Developer Blog  
Knowledge Base

Properties | Access Control | Replication | Console | Build Info

	Name	Type	Value	Protected	Mandatory	Multiple	Auto Created
1	cq.dialogMode	String	floating	false	false	false	false
2	jcr:primaryType	Name	nt:unstructured	true	true	false	true
3	sling.resourceType	String	granite/ui/components/coral/foundation/for	false	false	false	false

Name sling.resourceType | Type String | Value granite/ui/components/coral/foundation/for | Multi | Add | Clear

Create Node

Please enter node name and select type.

Name: content

Type: nt:unstructured

OK | Cancel

Developer Resources  
Documentation  
Developer Blog  
Knowledge Base

Properties | Access Control | Replication | Console | Build Info

	Name	Type	Value	Protected	Mandatory	Multiple	Auto Created
1	jcr:primaryType	Name	nt:unstructured	true	true	false	true
2	sling.resourceType	String	granite/ui/components/coral/foundation/container	false	false	false	false

Name sling.resourceType | Type String | Value granite/ui/components/coral/foundation/container | Multi | Add | Clear

**Create Node** ✕

Please enter node name and select type.

Name:

Type:  ▼

Value

**Create Node** ✕

Please enter node name and select type.

Name:

Type:  ▼

Value

items  
authorName  
nb

Documenter Resources  
Documentation  
Developer Blog  
Knowledge Base

Properties Access Control Replication Console Build Info

Name	Type	Value	Protected	Mandatory	Multiple	Auto Created
1 fieldLabel	String	Author Name	false	false	false	false
2 jcr:primaryType	Name	nt:unstructured	true	true	false	true
3 name	String	/authorName	false	false	false	false
4 required	Boolean	true	false	false	false	false
5 sling:resourceType	String	granite/ui/components/coral/foundation/form/textfield	false	false	false	false

Name required Type Boolean Value true Multi Add Clear

Create Node

Please enter node name and select type.

Name: authorBio

Type: nt:unstructured

OK Cancel

items  
authorName  
authorBio  
adcrumb  
ton  
ousel  
tainer  
tentfragment  
tentfragmentlist  
inload  
bed  
eriencefragment  
n  
oworld  
ge  
guagenavigation

Developer Resources  
Documentation  
Developer Blog  
Knowledge Base

Properties Access Control Replication Console Build Info

Name	Type	Value	Protected	Mandatory	Multiple	Auto Created
1 fieldLabel	String	Author Bio	false	false	false	false
2 jcr:primaryType	Name	nt:unstructured	true	true	false	true
3 name	String	/authorBio	false	false	false	false
4 required	Boolean	true	false	false	false	false
5 sling:resourceType	String	granite/ui/components/coral/foundation/form/textarea	false	false	false	false

Name required Type Boolean Value true Multi Add Clear

Create Node

Please enter node name and select type.

Name:

dob

Type:

nt:unstructured

▼

OK

Cancel

Value

items

authorName

authorBio

dob

breadcrumb

button

carousel

container

contentfragment

contentfragmentlist

enload

embed

experiencefragment

form

flowworld

page

page navigation

Developer Resources

Documentation

Developer Blog

Knowledge Base

Properties

Access Control

Replication

Console

Build Info

	Name	Type	Value	Protected	Mandatory	Multiple	Auto Created
1	fieldLabel	String	Date of Birth	false	false	false	false
2	jcr:primaryType	Name	nt:unstructured	true	true	false	true
3	name	String	/dob	false	false	false	false
4	required	Boolean	true	false	false	false	false
5	sling.resourceType	String	granite/ui/components/coral/foundation/form/datePicker	false	false	false	false

Name

name

Type

String

Value

/dob

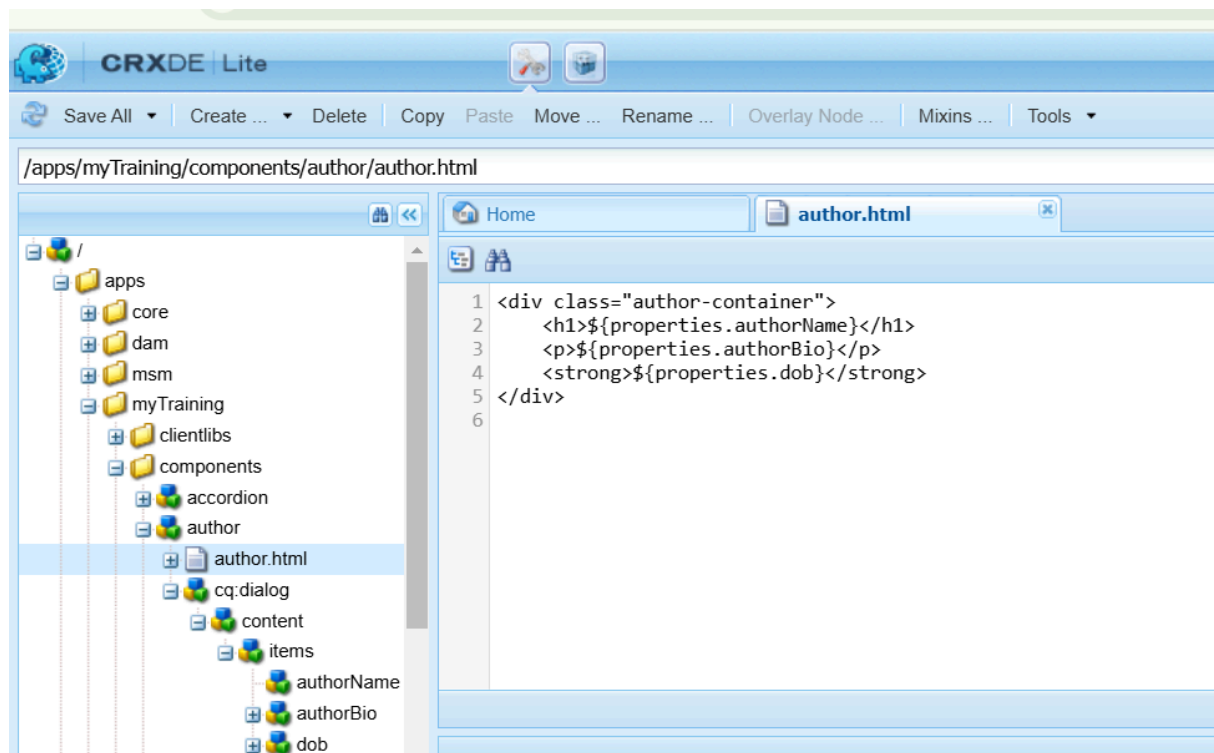
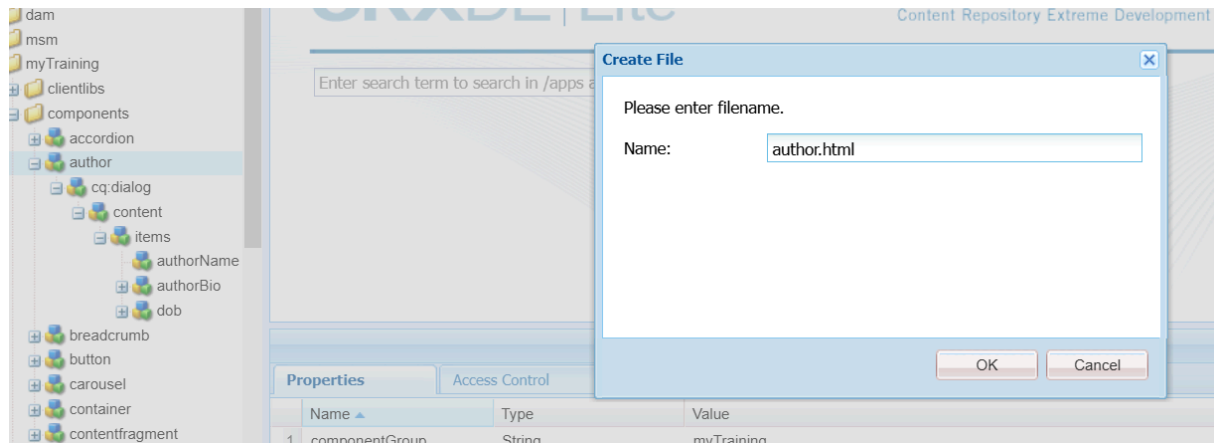
Multi

Add

Clear

3.Fetch this value directly using htl properties tag.

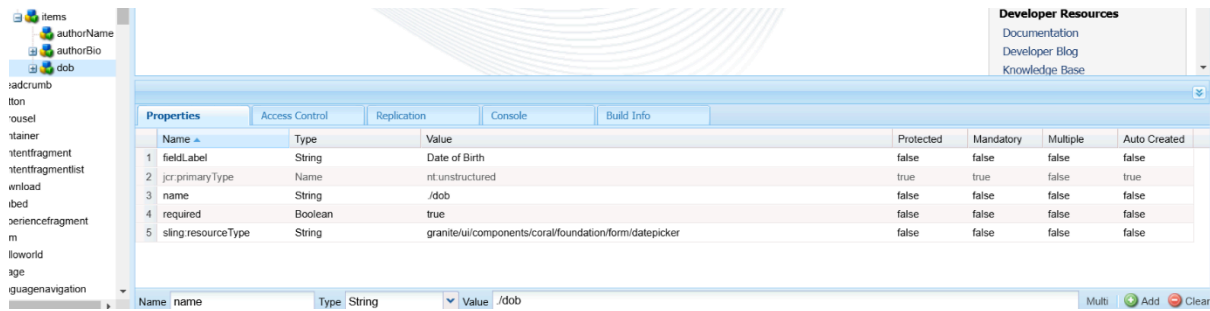




#### 4. What is Dialog validation how to use them?

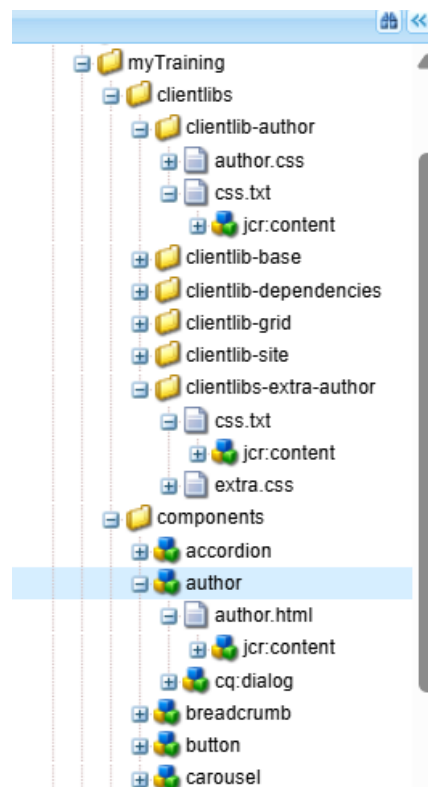
Dialog validation in AEM ensures that authors enter valid data in component dialogs. It helps prevent incorrect or missing values before saving the content.

Eg:

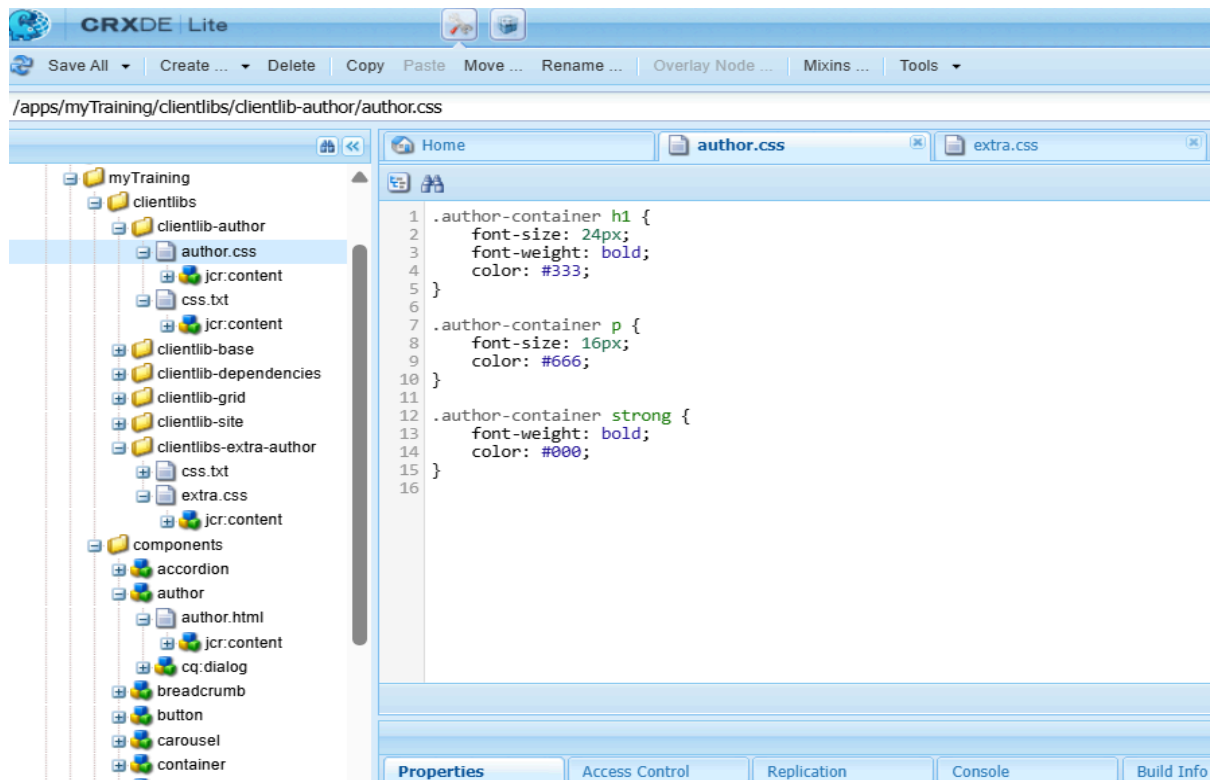


## 5. What is client lib?

AEM Client Libraries (Clientlibs) manage CSS, JavaScript, and other frontend assets efficiently. They help optimize performance by bundling and minifying assets.



6. Implement client lib make authorName h1, make author bio normal body text, Bold the dob.



## 7. What is extraclientlib and how to create custom?

ExtraClientLibs is a custom category that loads additional CSS/JS only when needed.

