

ClientLibrary Assignment

1. Create a component with a dialog having drop-down with values (green, blue, black etc) and one rich text editor for authoring text. This component is supposed to render text and apply chosen color to text.

component.html

The screenshot shows the CRXDE Lite interface. The left sidebar displays a tree view of the project structure, with the path `/apps/ttn_blogs/components/content/AssignmentClientLib/componentOne/cq:dialog/content/items/mytabs/items/tab1/items/columns/items/column/items/dropdown` selected. The main editor area shows the `componentOne.html` file with the following content:

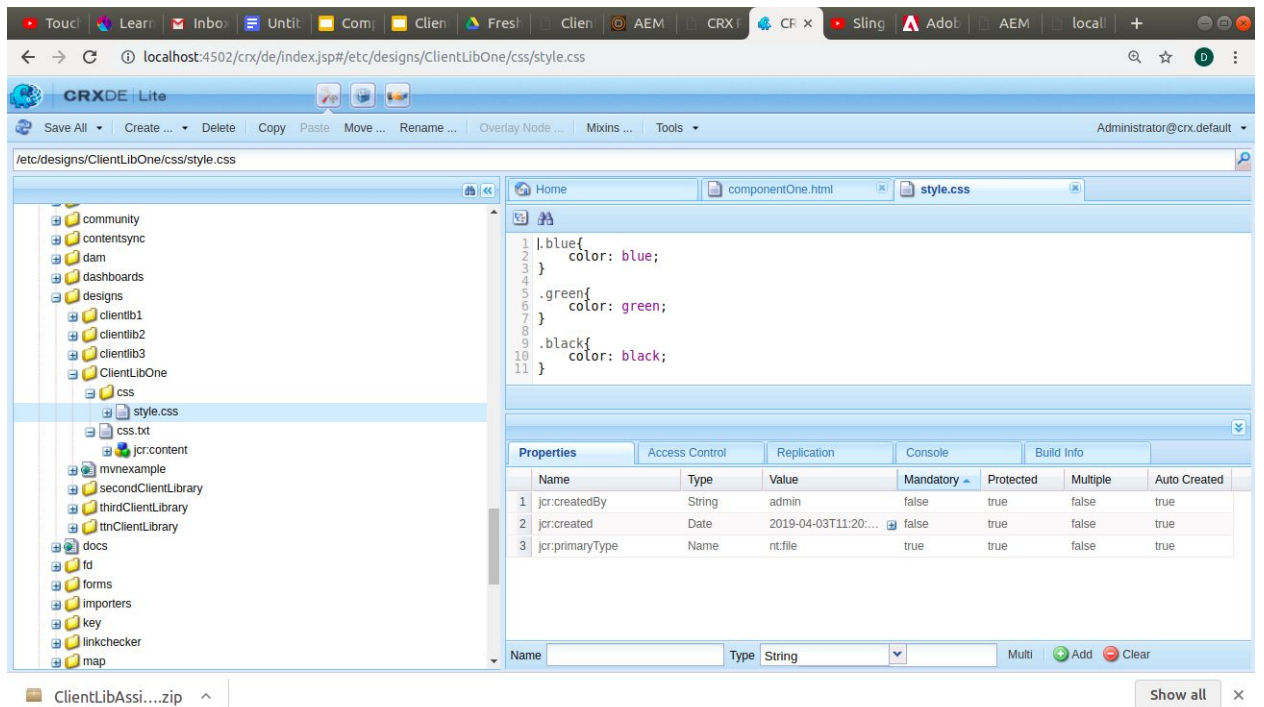
```
1 component One
2
3 <sly data-sly-use.clientlib="/libs/granite/sightly/templates/clientlib.html">
4   data-sly-call="${clientlib.css @ categories='componentOne'}"/>
5
6   <div class= "${properties.dropdown}>
7     component text: ${properties.content}
8   </div>
```

Below the code editor, the **Properties** tab is active, displaying a table of properties:

| Name | Type | Value | Mandatory | Protected | Multiple | Auto Created |
|----------------------|---------|----------------------|-----------|-----------|----------|--------------|
| 1 required | Boolean | true | false | false | false | false |
| 2 name | String | /dropdown | false | false | false | false |
| 3 fieldLabel | String | Choose Color | false | false | false | false |
| 4 sling:resourceType | String | granite/ui/compon... | false | false | false | false |
| 5 fieldDescription | String | dropdown for color | false | false | false | false |
| 6 jcr:primaryType | Name | nt:unstructured | true | true | false | true |

At the bottom, there is a form for adding new properties with fields for Name, Type (set to String), and a checkbox for Multi. There are also Add and Clear buttons.

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OUTPUT

component One
component text: hello i'm blue
component One
component text: i'm clearly black
component One
component text: green Delhi, clean Delhi

2. Create 3 clientlibs. Embed clientlib3 in clientlib2 and clientlib2 in clientlib1. State the observation with respect to the number of calls and content of clientlib.

Component.html

The screenshot shows the Adobe CRXDE Lite interface. The browser address bar indicates the URL: `localhost:4502/crx/de/index.jsp#apps/ttn_blogs/components/content/test/test.html`. The interface includes a menu bar with options like Save All, Create, Delete, Copy, Paste, Move, Rename, Overlay Node, Mixins, and Tools. The left sidebar shows a tree view of the project structure, with the following components visible:

- overridingComponent1.html
- overridingComponent2
- search
- sharing
- tabs
- teaser
- test
- cq:design_dialog
- cq:dialog
- cq:dropTargetConfig
- cq:editConfig
- test.html
- jcr:content
- text
- title
- ttnBanner
- ttnBlog
- ttnFooter
- ttnHeader
- ttnInsight
- ttnLogo
- ttnSuccessStories
- ttnTechnology
- form

The main editor area displays the content of `test.html`, which includes the following code:

```
1 hello test
2 ${properties.title}
3 ${properties.link}
4 ${currentStyle.title}
5 ${currentStyle.link}
6 <sly data-sly-use.clientlib="/libs/granite/sightly/templates/clientlib.html"
7 data-sly-call="${clientlib.all @ categories='clone'}"/>
```

Below the code editor, the Properties tab is active, showing a table of properties:

| Name | Type | Value | Mandatory | Protected | Multiple | Auto Created |
|-------------------|--------|-------------------------------|-----------|-----------|----------|--------------|
| 1 jcr:createdBy | String | admin | false | true | false | true |
| 2 jcr:created | Date | 2019-03-28T12:04:36.486+05:30 | false | true | false | true |
| 3 jcr:primaryType | Name | nt:file | true | true | false | true |

At the bottom of the interface, there is a form with fields for Name and Type, and buttons for Multi, Add, and Clear. A file named `ClientLibAssi...zip` is visible in the bottom left corner.

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The screenshot shows the CRXDE Lite web interface in a browser. The address bar indicates the URL is `localhost:4502/crx/de/index.jsp#/etc/designs/clientlib1/css/style.css`. The interface includes a top navigation bar with various icons and a menu bar with options like Save All, Create, Delete, Copy, Paste, Move, Rename, Overlay Node, Mixins, and Tools. The main area is divided into three panes:

- Left Pane (File Explorer):** Displays a tree view of the file system. The path `/etc/designs/clientlib1/css/style.css` is selected.
- Right Pane (Code Editor):** Shows the content of the selected file, `style.css`. The code is:

```
1 div{
2   background-color: pink;
3 }
```
- Bottom Pane (Properties):** Displays a table of properties for the selected file.

The Properties table has the following data:

| | Name | Type | Value | Mandatory | Protected | Multiple | Auto Created |
|---|-----------------|--------|----------------------|-----------|-----------|----------|--------------|
| 1 | jcr:createdBy | String | admin | false | true | false | true |
| 2 | jcr:created | Date | 2019-04-03T11:20:... | false | true | false | true |
| 3 | jcr:primaryType | Name | nt:file | true | true | false | true |

At the bottom of the interface, there is a status bar showing the file name `ClientLibAssi....zip` and a `Show all` button.

Order of calls made

```
div{
  background-color: blue;
}
div{
  background-color: pink;
}
```

Page Rendered

header begins

header ends

category

Footer Component

title: text title

content: text title description

Image:

Blog Title: text title

alt:

Menu's Text: menu text

Menu's Link: menu field

hello test

content begins

content ends

footer begins

Footer Component