How to Set Up and Use the SAP MII – i5Command Implementation

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SAP MII How-To-Guide for i5Command Implementation

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1.1 i5Command JavaScript Object
The functionality and behavior of an i5Command JS object is similar to iCommand. i5Command JS object uses iCommand as the display template and creates a new object. In other words, i5Command JS object uses the same display template as iCommand. You can instantiate i5Command, a new JS object using iCommand.

2.1 Creating a iCommand as Display object
1. In Catalog tab; select the project. Right Click-> New-> iCommand
2. Configure the following parameters in iCommand template
3. Save the iCommand

2.2 Create a SQL query with fixed query mode
1. In Catalog tab; select the project. Right Click-> New-> SQLQuery
2. Select the server and set Mode as Fixed Query
3. Define a Insert query statement where columns are parameterized
4. Save the Query as Insert_iCommand
5. Right Click -> New -> SQLQuery
6. Select the connector and set Mode as Fixed Query
7. Define a select query statement
8. Save the Query as Select_iCommand
2.3 Create a Xacute Query to insert/update the SQL table

1. In Catalog tab; Right click -> New -> XacuteQuery
2. Select the connector and set Mode as Query
3. Map the MII transaction which is created to insert SQL table
4. Select the Output parameter
5. Provide the values for Input parameters
6. Save the Query.

Note: Transaction which used in Xacute Query, have Transaction properties as Output Parameter (XML data type) and Input Parameters (depending upon SQL Column datatype) since its parameterized mapped column values.
2.4 Create a i5Grid display template

1. In Catalog tab; select the project. Right Click -> New -> i5Grid
2. Go to Grid Area; select Grid type as Grid
3. Go to Layout, Browse and load SQL Query (ex: Select_iCommand)
4. Select the Column Names and Click on Add Row
5. Save the i5Grid
2.5 Implement i5Command using html page

1. In Web tab; select and expand Project. Select WEB; Right click -> New -> html
2. Implement i5Command using constructor along with iCommand and Xacute Query which updates the Grid table on click event defined in html page.
3. Syntax as follows:

```html
</DOCTYPE HTML>

<HEAD>
<TITLE>Your Title Here</TITLE>
<META http-equiv="Content-Type" content="text/html">
<META http-equiv="cache-control" content="no-cache">
<META http-equiv="expires" content="0">
<META http-equiv="pragma" content="no-cache">
<SCRIPT type="text/javascript" src="/MII/JavaScript/bootstrap.js" data-list="i5Chart, i5Grid, i5SPCCChart, i5Command"></SCRIPT>
</HEAD>

<BODY>

<SCRIPT>
var g = new com.sap.mii.grid.init.15Grid("1072728/Command/i5Grid", "1072728/Command/Select_iCommand");
function a(id) {
    g.update(id);
}

</SCRIPT>

</BODY>
</HTML>
```

4. Render the html page in browser. Grid appears with data.
5. On click event.
6. Audit role 1 User authentication pop up appears.
7. Provide the User details and confirm the User.

8. Audit role 2 User authentication pop up appears.
9. Provide the User details and confirm the User.
10. Grid updates with new row data.
Note: If User authentication fails in either of Audit roles; Grid table will not get updated.