

Creating Invisible Liquid UI Fields to Display Description of the value Entered

Purpose:

To display the Text/Name value associated to a particular Entry/Record of SAP.

- Generally, the Description of the value entered is not displayed in Liquid UI.
- Below Article would help in displaying the description of the value entered using Liquid UI WS.

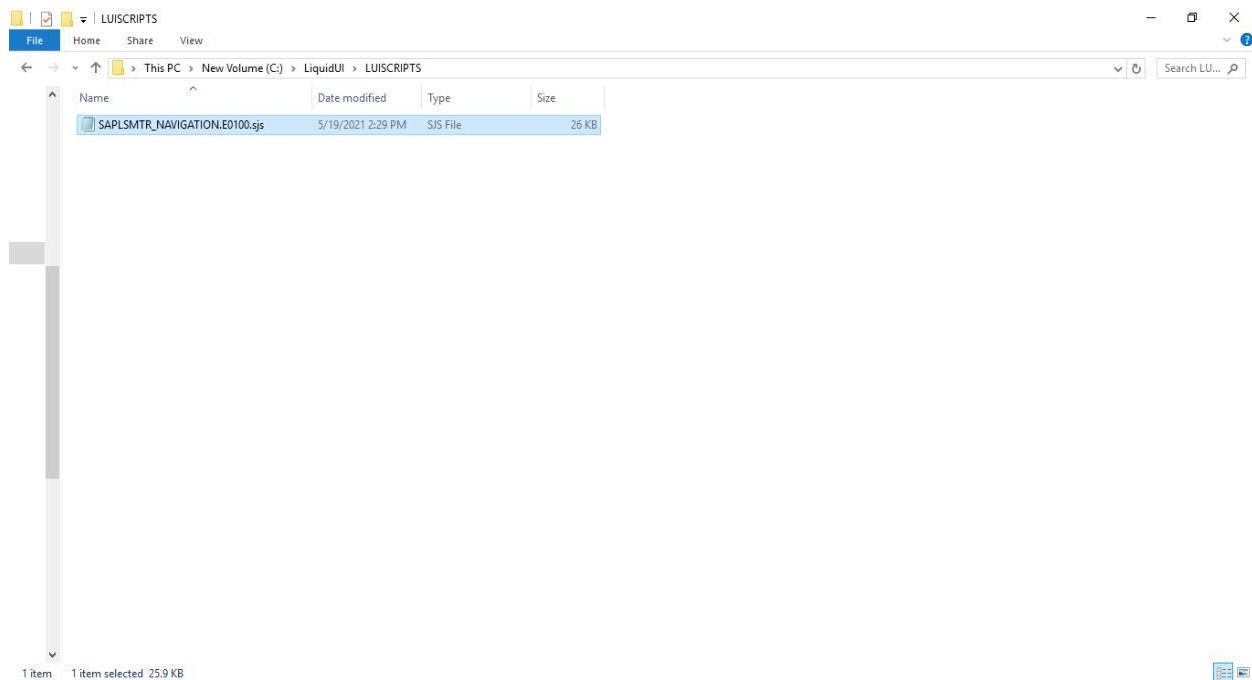
Pre-requisites:

Liquid UI WS

LIQUID UI DESIGNER to Record the Process (Optional)

Example:

Step-1: Open the Script file "SAPLSTMTR_NAVIGATION.E0100.sjs" or Create it if it is not present in the WS Directory as configured in the "guixt.sjs" file.



Setting the Directory Path in the guixt.sjs file:

```
/* *****  
***** DIRECTORY Path  
*****  
directory1 = "C:\LiquidUI\LUISCRIPTS";
```

Get the guixt.sjs file from the Path as shown Below:

C:\Program Files\SAP\FrontEnd\SAPgui → 32bit O.S

C:\Program Files(x86)\SAP\FrontEnd\SAPgui → 64bit O.S

Step-2: Add the below Code and save it.

```
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
SAPLSMTR_NAVIGATION.E0100.sjs
1 //Liquid UI Code:
2 ///////////////////////////////////////////////////////////////////"SAPLSMTR_NAVIGATION.E0100.sjs"////////////////////////////////
3 // User Interface / Design Screen
4 clearscreen();
5 box([3,0], [8,98], "Organizational Data");
6 inputfield([1,2], "Order Type", [1,20],{ "name":"z_ordertype", "size":5});
7 text([1,27], "%V[z_ordertype]",{ "size":20});
8 inputfield([4,2], "Sold-To Party", [4,20],{ "name":"z_soldtoparty", "size":8});
9 text([4,30], "%V[z_soldtopartyvalue]",{ "size":22});
10 inputfield([5,2], "Sales Organization", [5,20],{ "name":"z_salesorganization", "size":8});
11 text([5,30], "%V[z_salesorg]",{ "size":20});
12 inputfield([6,2], "Distribution Channel", [6,20],{ "name":"z_distrchnl", "size":8});
13 text([6,30], "%V[z_distributionchan]",{ "size":22});
14 inputfield([7,2], "Division", [7,20],{ "name":"z_div", "size":8});
15 text([7,30], "%V[z_division]",{ "size":20});
16
17 //Function to Read the Text/Name Value of the Fields
18 function getvalue(){
19     onscreen 'SAPLSMTR_NAVIGATION.0100'
20     enter("/nva01");
21     onscreen 'SAPMV45A.0101'
22     set("F[Order Type]", "%V[z_ordertype]");
23     set("F[Sales Organization]", "%V[z_salesorganization]");
24     set("F[Distribution Channel]", "%V[z_distrchnl]");
25     set("F[Division]", "%V[z_div]");
26     enter();
27     onerror
28     enter("/n");
29     message(_message);
30     goto End;
31     onscreen 'SAPMV45A.4001'
32     set("F[Sold-To Party]", "%V[z_soldtoparty]");
33     enter();
34     onscreen 'SAPMV45A.4001'
35     enter("/2");
36     set("V[z_soldtopartyvalue]", "%F[KUAGV-TXTPA]");
37     enter("/3");
38     onscreen 'SAPMV45A.4001'
39     enter("/3");
40     onscreen 'SAPLSPO1.0100'
41     enter("=NO");
42     onscreen 'SAPMV45A.0101'
43     set("V[z_salesorg]", "%F[TVKOT-VTEXT]");
44     set("V[z_distributionchan]", "%F[TVTWT-VTEXT]");
45     set("V[z_division]", "%F[TSPAT-VTEXT]");
46     enter("/3");
47     End;
48
49 }
50 onUIEvents["Enter"]={"process":getvalue};
51
52
```

JavaScript file length: 3,495 lines: 120 Ln: 51 Col: 1 Sel: 0 | 0 Windows (CR LF) UTF-8 INS

To Get the LUI [Click here](#)

Step-3: Login to SAPGUI and Navigate to "SAP EASY ACCESS SCREEN", Enter the Order Type, Sales Organization, Distribution Channel, Division and Hit Enter or Click on the Enter Button.

The screenshot displays the SAP Easy Access interface. At the top, there is a menu bar with options: Menu, Edit, Favorites, Extras, System, and Help. Below the menu bar is a toolbar with various icons, including a green checkmark icon. The main header area is titled "SAP Easy Access" and contains a secondary toolbar with icons for "Other menu", "Create role", "Assign users", and "Documentation".

The main content area contains the following input fields:

- Order Type:** A text field containing the value "OR".
- Organizational Data:** A section containing four input fields:
 - Sold-To Party:** A text field containing the value "1460".
 - Sales Organization:** A text field containing the value "1000".
 - Distribution Channel:** A text field containing the value "10".
 - Division:** A text field containing the value "00".

The SAP logo is visible in the bottom right corner of the interface.

Step-4: It will display the associated Text/Name values in the Liquid UI Invisible Text Elements.

The screenshot displays the SAP Easy Access web interface. At the top, there is a menu bar with 'Menu', 'Edit', 'Favorites', 'Extras', 'System', and 'Help'. Below this is a toolbar with various icons for navigation and actions. The main header area is titled 'SAP Easy Access' and includes a secondary toolbar with icons for 'Other menu', 'Create role', 'Assign users', and 'Documentation'. The central content area is titled 'Organizational Data' and contains a table with four rows of data. The first row is 'Order Type' with a value of 'OR' and a description 'C.A.S. Computer Application Systems / Chemnitzer Strasse 42 / D-01187 Dresden'. The second row is 'Sold-To Party' with a value of '1460' and a description 'Germany Frankfurt'. The third row is 'Sales Organization' with a value of '10' and a description 'Final customer sales'. The fourth row is 'Division' with a value of '00' and a description 'Cross-division'. The 'Division' value '00' is highlighted with a yellow background. The SAP logo is visible in the bottom right corner.

Organizational Data		
Order Type	OR	C.A.S. Computer Application Systems / Chemnitzer Strasse 42 / D-01187 Dresden
Sold-To Party	1460	Germany Frankfurt
Sales Organization	10	Final customer sales
Division	00	Cross-division

//Liquid UI Code:

//////////////////////////"SAPLSMTR_NAVIGATION.E0100.sjs"//////////////////////////

User Interface / DesignScreen

```
clearscreen();
box([3,0], [8,98], "Organizational Data");
inputfield( [1,2], "Order Type", [1,20],{ "name":"z_ordertype", "size":5});
text([1,27], "&V[z_ordertype]",{ "size":20});
inputfield( [4,2], "Sold-To Party", [4,20],{ "name":"z_soldtoparty", "size":8});
text([4,30], "&V[z_soldtopartyvalue]",{ "size":22});
inputfield( [5,2], "Sales Organization", [5,20],{ "name":"z_salesorganization", "size":8});
text([5,30], "&V[z_salesorg]",{ "size":20});
inputfield( [6,2], "Distribution Channel", [6,20],{ "name":"z_distrchnl", "size":8});
text([6,30], "&V[z_distributionchan]",{ "size":22});
inputfield( [7,2], "Division", [7,20],{ "name":"z_div", "size":8});
text([7,30], "&V[z_division]",{ "size":20});
```

//Function to Read the Text/Name Value of the Fields

```
function getvalue(){
  onscreen 'SAPLSMTR_NAVIGATION.0100'
  enter("/nva01");
  onscreen 'SAPMV45A.0101'
  set("F[Order Type]",&V[z_ordertype]);
  set("F[Sales Organization]",&V[z_salesorganization]);
  set("F[Distribution Channel]",&V[z_distrchnl]);
  set("F[Division]",&V[z_div]);
  enter();
  onerror
  enter("/n");
  message(_message);
  goto End;
  onscreen 'SAPMV45A.4001'
  set("F[Sold-To Party]",&V[z_soldtoparty]);
  enter();
  onscreen 'SAPMV45A.4001'
  enter("/2");
  set("V[z_soldtopartyvalue]",&F[KUAGV-TXTPA]);
  enter("/3");
  onscreen 'SAPMV45A.4001'
  enter("/3");
  onscreen 'SAPLSPO1.0100'
  enter("=NO");
  onscreen 'SAPMV45A.0101'
  set("V[z_salesorg]",&F[TVKOT-VTEXT]);
  set("V[z_distributionchan]",&F[TVTWT-VTEXT]);
  set("V[z_division]",&F[TSPAT-VTEXT]);
  enter("/3");
  End;;
}
```

//Calling the Function through on User Event (onUIEvents):

```
onUIEvents["Enter"]={"process":getvalue};
```

Note: The Above Function is recorded using Liquid UI Designer