WS Table

13.14 Displaying selected SAP table row details in a pop-up window

Prerequisites

- Products: Liquid UI WS, Liquid UI Server or Local DLL, Client Software
- Commands: del(), pushbutton(), gettableattribute(), enter(), set(), table(), title(), text(), inputfield()

Purpose

This article demonstrates how to display the column data of a selected table row inside the pop-up window, using the **Change Standard Order** (VA02) screen as a guide.

1. Include a push button.
2. Implement data fetching/display function.
3. Delete existing pop-up elements.
4. Modify title.
5. Remove default push buttons.
6. Add input fields for key values.
7. Create input fields as needed.
8. Assign values.
9. Create input fields based on selected rows.
10. Assign array values to input fields.

User Interface

//Create the file **SAPMV45A.E4001.sjs** inside your scripts folder for customizing the Change Standard Order: Overview Screen
//Now, add the Liquid UI script to the above file, and save it.

Customization

1. Insert a **Display Row Data** toolbar push button. When clicked, this button will execute the **DisplayRowData** process.

```
// Creates a push button to execute the process
pushbutton([TOOLBAR], "
@0P@Display Row Data..",{"process":DisplayRowData});
```


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2. Add **DisplayRowData** function to fetch selected row values.

```
// Function to fetch row values
function DisplayRowData(){
   z_matarray=[];
   z_pricingdatearray=[];
   z_billingdatearray=[];
   z_itemarray=[];
   z_accassigngrparray=[];
   z_quantity=[];
   enter("/o");
   gettableattribute("T[All items
]", {"firstvisiblerow":"FVisRow", "lastvisiblerow":"LVisRow", "l
astrow":"LastRow","selectedrows":"SelRows"});
   for(i=0;i<LastRow;i++){
   ROW_NUMBER = i;
      if(SelRows[ROW_NUMBER]=="X"){
         // adding 1 as SelRows is array which has index begin f
rom 0
         selected_row_number = ROW_NUMBER+1;
         set("V[z_item]","
&cell[All items,Item,"+(selected_row_number)+"]");
         z_itemarray.push(z_item);
         set("V[z_material]","
&cell[All items,Material,"+(selected_row_number)+"]");
         z_matarray.push(z_material);
         set("V[z_pricingdate]","
&cell[All items,Pricing date,"+(selected_row_number)+"]");
         z_pricingdatearray.push(z_pricingdate);
         set("V[z_billingdate]","
&cell[All items,Billing Date,"+(selected_row_number)+"]");
         z_billingdatearray.push(z_billingdate);
         set("V[z_accassigngroup]","&cell[All items,VBAP-
KTGRM,"+(selected_row_number)+"]");
         z_accassigngrparray.push(z_accassigngroup);
    set("V[z_compquantity]","
&cell[All items,Component quantity,"+(selected_row_number)+"]");
         z_quantity.push(z_compquantity);
      }
    }
 }
```


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3. //Create the file **RSM04000_ALV_NEW.E2000.sjs** inside your scripts folder for customizing the sessions-related popup window
   //Now, add the Liquid UI script to the above file, and save it.

   Delete the existing elements from the popup window using **clearscreen()**.

```
// Deletes all existing elements on the popup
clearscreen();
```

4. Modify the title of the popup window.

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```
// Sets a new title for the popup window
title('Displaying Selected Row Details', {"size":[1,10]});
```

5. Delete the existing **Generate**, **End Session**, **Delete Session**, and **Continue** push buttons from the pop-up window.

```
// Deletes existing push buttons on the popup window
del('P[Generate]');
del('P[End Session]');
del('P[Delete Session]');
del('P[Continue]');
```


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6. Display the key values by adding six input fields, labeled **Item, Material**, **PricingDate**, **BillDate**, **AccountAssignGrp**, and **Quantity**.

```
// Adds six input fields with default values
inputfield([0,0
],{"size":5, "intensified":true, "nolabel":true, "default":"Item
", "readonly":true});
inputfield([0,6
],{"size":11, "intensified":true, "nolabel":true, "default":"Mat
erial", "readonly":true});
inputfield([0,18
],{"size":11, "intensified":true, "nolabel":true, "default":"Pri
cingDate", "readonly":true});
inputfield([0,30
],{"size":11, "intensified":true, "nolabel":true, "default":"Bil
lDate", "readonly":true});
inputfield([0,42
],{"size":11, "intensified":true, "nolabel":true, "default":"Acc
ountAssignGrp", "readonly":true});
inputfield([0,54
],{"size":5, "intensified":true, "nolabel":true, "default":"Quan
tity", "readonly":true});
```


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7. Add a statement to create input fields based on selected rows.

```
// Creates input fields based on the selected rows
for(j=0;j<z_matarray.length;j++){
inputfield([j+1,0],{"size":5,"name":"z_item_&V[j]","nolabel":tru
e,"readonly":true});
inputfield([j+1,6],{"size":11,"name":"z_matarray_&V[j]","nolabel
":true,"readonly":true});
inputfield([j+1,18],{"size":11,"name":"z_pricingdate_&V[j]","nol
abel":true,"readonly":true});
inputfield([j+1,30],{"size":11,"name":"z_billingdate_&V[j]","nol
abel":true,"readonly":true});
inputfield([j+1,42],{"size":11,"name":"z_accassigngrp_&V[j]","no
label":true,"readonly":true});
inputfield([j+1,54],{"size":5,"name":"z_quantity_&V[j]","nolabel
":true,"readonly":true});
}
```

8. Add a statement to assign array values to input fields.

```
// Displays  the array values in input fields
for(j=0;j<z_matarray.length;j++){
   set("V[z_matarray_&V[j]]",z_matarray[j]);
   set("V[z_billingdate_&V[j]]",z_pricingdatearray[j]);
   set("V[z_pricingdate_&V[j]]",z_billingdatearray[j]);
   set("V[z_item_&V[j]]",z_itemarray[j]);
   set("V[z_accassigngrp_&V[j]]",z_accassigngrparray[j]);
   set("V[z_quantity_&V[j]]",z_quantity[j]);
}
```

SAP Process

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WS Table

1. Go to the **VA02** transaction. Enter the Order number and press **Enter**. On the Overview screen, select the desired rows.

2. Now, click on the **Display Row Data** toolbar push button, and the pop-up window will then appear and display the selected values of the row, as shown in the image below.

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Last update: 2025-08-04 11:45

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