

Displaying Selected Table Row Details in a Pop-up Window

Purpose

To Display the Selected SAPGUI Table Rows Details Associated to Particular Columns in a Pop-up Window using Liquid UI WS.

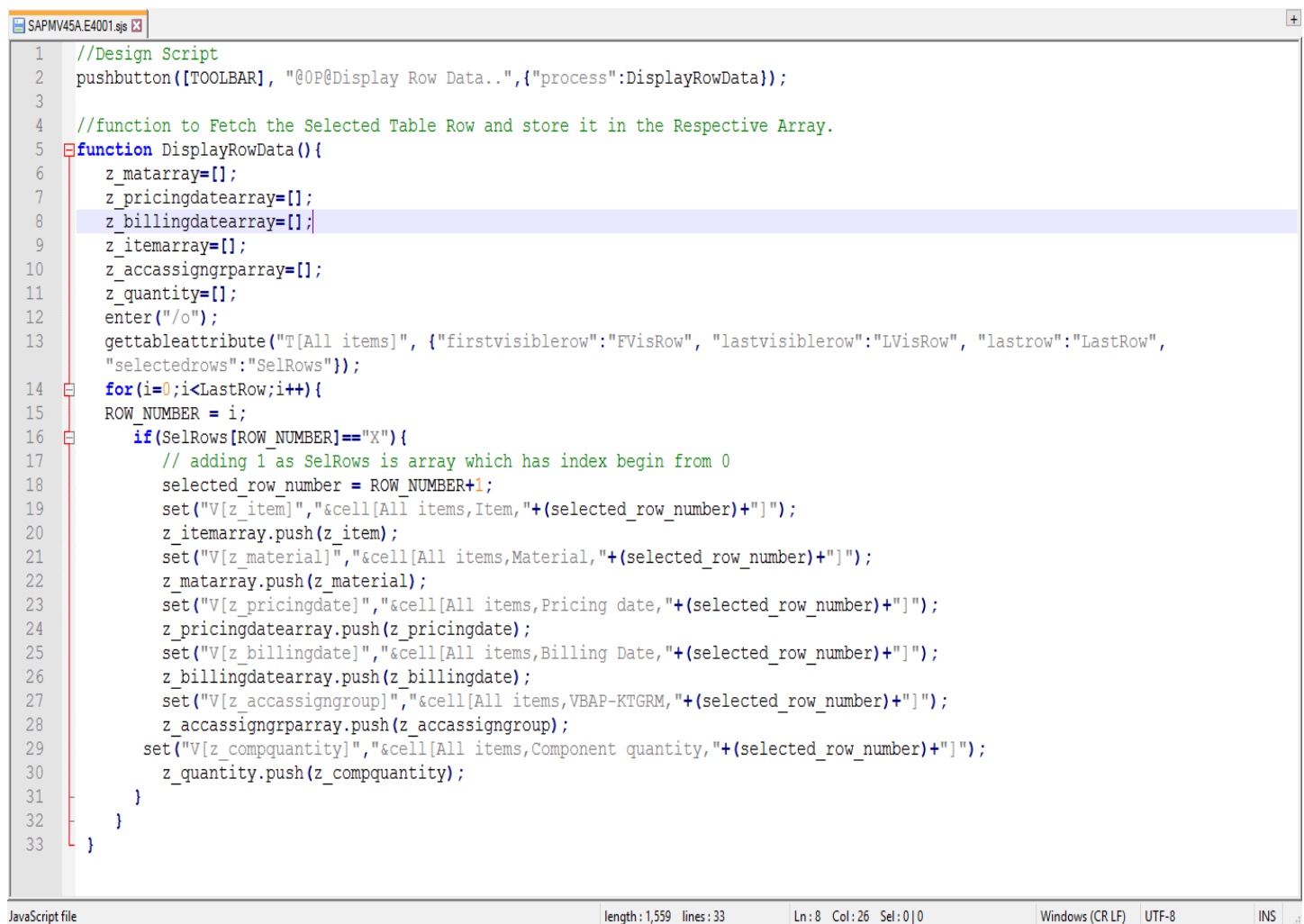
-Because accessing the Row Details of the Table which are at the Extreme end is only possible through scrolling which is generally a tedious process

-We can also display multiple table row details in a Pop-up Window.

Example:

Please follow the Steps below.

Step-1: Create a script file "**SAPMV45A.E4001.sjs**" with the following code and save it in your WS scripts directory as configured in "**guixt.sjs**" file.



```
1 //Design Script
2 pushbutton([TOOLBAR], "@OP@Display Row Data..",{"process":DisplayRowData});
3
4 //function to Fetch the Selected Table Row and store it in the Respective Array.
5 function DisplayRowData(){
6     z_matarray=[];
7     z_pricingdatearray=[];
8     z_billingdatearray=[];
9     z_itemarray=[];
10    z_accassigngrparray=[];
11    z_quantity=[];
12    enter("/o");
13    gettableattribute("T[All items]", {"firstvisiblerow":"FVisRow", "lastvisiblerow":"LVisRow", "lastrow":"LastRow",
14    "selectedrows":"SelRows"});
15    for(i=0;i<LastRow;i++){
16        ROW_NUMBER = i;
17        if (SelRows[ROW_NUMBER]=="X"){
18            // adding 1 as SelRows is array which has index begin from 0
19            selected_row_number = ROW_NUMBER+1;
20            set("V[z_item]", "&cell[All items,Item,"+(selected_row_number)+"]");
21            z_itemarray.push(z_item);
22            set("V[z_material]", "&cell[All items,Material,"+(selected_row_number)+"]");
23            z_matarray.push(z_material);
24            set("V[z_pricingdate]", "&cell[All items,Pricing date,"+(selected_row_number)+"]");
25            z_pricingdatearray.push(z_pricingdate);
26            set("V[z_billingdate]", "&cell[All items,Billing Date,"+(selected_row_number)+"]");
27            z_billingdatearray.push(z_billingdate);
28            set("V[z_accassigngroup]", "&cell[All items,VBAP-KTGRM,"+(selected_row_number)+"]");
29            z_accassigngrparray.push(z_accassigngroup);
30            set("V[z_compquantity]", "&cell[All items,Component quantity,"+(selected_row_number)+"]");
31            z_quantity.push(z_compquantity);
32        }
33    }
```

JavaScript file | length: 1,559 lines: 33 | Ln: 8 Col: 26 Sel: 0 | 0 | Windows (CR LF) UTF-8 INS













Step-2: Create another script file "**RSM_ALV_NEW_E2000.sjs**" with the following code and save it in your WS scripts directory which is configured in "guixt.sjs" file.

```
RSM04000_ALV_NEW_E2000.sjs
1 //Design Screen
2 clearscreen();
3 title('Displaying Selected Row Details', {'size':[1,10]});
4 del('P[Generate]');
5 del('P[End Session]');
6 del('P[Delete Session]');
7 del('P[Continue]');
8 text('P[Cancel]',"@20@");
9 inputfield([0,0],{'size':5, "intensified":true, "nolabel":true, "default":"Item", "readonly":true});
10 inputfield([0,6],{'size':11, "intensified":true, "nolabel":true, "default":"Material", "readonly":true});
11 inputfield([0,18],{'size':11, "intensified":true, "nolabel":true, "default":"PricingDate", "readonly":true});
12 inputfield([0,30],{'size':11, "intensified":true, "nolabel":true, "default":"BillDate", "readonly":true});
13 inputfield([0,42],{'size':11, "intensified":true, "nolabel":true, "default":"AccountAssignGrp", "readonly":true});
14 inputfield([0,54],{'size':5, "intensified":true, "nolabel":true, "default":"Quantity", "readonly":true});
15
16 //Creating the Inputfields
17 for(j=0;j<z_matarray.length;j++){
18     inputfield([j+1,0],{'size':5,"name":"z_item_&V[j]","nolabel":true,"readonly":true});
19     inputfield([j+1,6],{'size':11,"name":"z_matarray_&V[j]","nolabel":true,"readonly":true});
20     inputfield([j+1,18],{'size':11,"name":"z_pricingdate_&V[j]","nolabel":true,"readonly":true});
21     inputfield([j+1,30],{'size':11,"name":"z_billingdate_&V[j]","nolabel":true,"readonly":true});
22     inputfield([j+1,42],{'size':11,"name":"z_accassigngrp_&V[j]","nolabel":true,"readonly":true});
23     inputfield([j+1,54],{'size':5,"name":"z_quantity_&V[j]","nolabel":true,"readonly":true});
24 }
25
26 //Displaying the array values in inputfields
27 for(j=0;j<z_matarray.length;j++){
28     set("V[z_matarray_&V[j]]",z_matarray[j]);
29     set("V[z_billingdate_&V[j]]",z_pricingdatearray[j]);
30     set("V[z_pricingdate_&V[j]]",z_billingdatearray[j]);
31     set("V[z_item_&V[j]]",z_itemarray[j]);
32     set("V[z_accassigngrp_&V[j]]",z_accassigngrparray[j]);
33     set("V[z_quantity_&V[j]]",z_quantity[j]);
34 }
```







JavaScript file length: 1,902 lines: 34 Ln: 34 Col: 2 Sel: 0 | 0 Windows (CR LF) UTF-8 INS

Step-3: Goto the Transaction **VA02**, Enter the Order Number and Click on the **ENTER** Button as Shown Below.

Change Sales Order: Initial Screen

 <<           


Change Sales Order: Initial Screen


 Sales  Item overview  Ordering party |  Orders |  

Order

Search Criteria

Purchase Order No.	<input type="text"/>
Sold-to party	<input type="text"/>
Delivery	<input type="text"/>
Billing Document	<input type="text"/>
WBS Element	<input type="text"/>
Material	<input type="text"/>

 Search



Step-4: Select the Rows of the “All Items” Table and Click on the "DisplayRowData." TOOLBAR Pushbutton as Shown below.

Change Standard Order 5232: Overview

Standard Order 5232 Net value 605.615,00 DEM

Sold-To Party 1175 Elektromarkt Bamby / Adlerstrasse 452 / D-07545 Gera

Ship-To Party 1175 Elektromarkt Bamby / Adlerstrasse 452 / D-07545 Gera

PO Number DG-19971021-1 PO date 21.10.1997

Sales Item overview Item detail Ordering party Procurement Shipping Reason for rejection

Req. deliv.date D 22.10.1997 Deliver.Plant

☐ Complete div. Total Weight 8.000 KG

Delivery block Volume 160 M3

Billing block Pricing date 21.10.1997

Payment card Exp.date

Card Verif.Code

Payment terms ZB01 14 Days 3%, 30/2... Incoterms CIP Gera

Order reason 101 Poor quality

All items

Item	Material	Order Quantity	Un	S	Description	Customer Material Numb	I...	ItCa	DGIP	HL	Itm	D	First date	Plnt	Ba
	10 L-80R	103	CAR	✓	LEO08082018			TAN				0 D	22.10.1997	1200	
	20 L-80C	301	CAR	✓	Gluehlampe 80 Watt klar 220/230			TAN				0 D	22.10.1997	1200	

Group

SAP VA02 ZEUS INS

Step-5: It will display the Selected Row Details Associated to Particular Columns in a Pop-up Window as Shown Below.

Change Standard Order 5232: Overview

Standard Order: 5232 Net value: 605.615,00 DEM

Sold-To Party: 1175 Elektromarkt Bamby / Adlerstrasse 452 / D-07545 Gera

Ship-To Party: 1175 Elektromarkt Bamby / Adlerstrasse 452 / D-07545 Gera

PO: 997

Displaying Selected Row Details

Item	Material	PricingDate	BillDate	AccountAss..	Quan..
10	L-80R	22.10.1997	21.10.1997	03	0
20	L-80C	22.10.1997	21.10.1997	03	0

Payment caru: exp. date

Card Verif.Code

Payment terms: ZB01 14 Days 3%, 30/2... Incoterms: CIP Gera

Order reason: 101 Poor quality

All items

Item	Material	Order Quantity	Un	S	Description	Customer Material Numb	I... ItCa	DGIP	HL Itm	D First date	PInt	Ba
10	L-80R	103	CAR	✓	LEO08082018		✓ TAN			0 D 22.10.1997	1200	
20	L-80C	301	CAR	✓	Gluehlampe 80 Watt klar 220/23...		✓ TAN			0 D 22.10.1997	1200	

SAP VA02 ZEUS INS

Liquid UI Code:

//////////////////SAPMV45A.E4001.sjs////////////////////

//Design Script

pushbutton([TOOLBAR], "@0P@Display Row Data..",{ "process":DisplayRowData});

//function to Fetch the Selected Table Row and store it in the Respective Array.

```
function DisplayRowData(){
  z_matarray=[];
  z_pricingdatearray=[];
  z_billingdatearray=[];
  z_itemarray=[];
  z_accassigngrparray=[];
  z_quantity=[];
  enter("/o");
  gettableattribute("T[All items]", { "firstvisiblerow":"FVisRow", "lastvisiblerow":"LVisRow",
"lastrow":"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 from 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);
    }
  }
}
```

//////////RSM_ALV_NEW_E2000.sjs//////////

//Design Screen

clearscreen();

title('Displaying Selected Row Details', { "size":[1,10]});

del('P[Generate]');

del('P[End Session]');

del('P[Delete Session]');

del('P[Continue]');

text('P[Cancel]',"@2O@");

inputfield([0,0],{ "size":5, "intensified":true, "nolabel":true, "default":"Item", "readonly":true});

inputfield([0,6],{ "size":11, "intensified":true, "nolabel":true, "default":"Material", "readonly":true});

inputfield([0,18],{ "size":11, "intensified":true, "nolabel":true, "default":"PricingDate", "readonly":true});

inputfield([0,30],{ "size":11, "intensified":true, "nolabel":true, "default":"BillDate", "readonly":true});

inputfield([0,42],{ "size":11, "intensified":true, "nolabel":true, "default":"AccountAssignGrp", "readonly":true});

inputfield([0,54],{ "size":5, "intensified":true, "nolabel":true, "default":"Quantity", "readonly":true});

//Creating the Inputfields

for(j=0;j<z_matarray.length;j++){

inputfield([j+1,0],{ "size":5,"name":"z_item_&V[j]", "nolabel":true,"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]", "nolabel":true,"readonly":true});

inputfield([j+1,30],{ "size":11,"name":"z_billingdate_&V[j]", "nolabel":true,"readonly":true});

inputfield([j+1,42],{ "size":11,"name":"z_accassigngrp_&V[j]", "nolabel":true,"readonly":true});

inputfield([j+1,54],{ "size":5,"name":"z_quantity_&V[j]", "nolabel":true,"readonly":true});

}

//Displaying the array values in inputfields

for(j=0;j<z_matarray.length;j++){

set("V[z_matarray_&V[j]]",z_matarray[j]);

set("V[z_billingdate_&V[j]]",[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]);

}