

## Assigning Values to SAP Table from liquid UI table

### Purpose:

Assign values entered into Liquid UI table into SAP table with Liquid UI function.

Below example demonstrates assigning of values form Liquid UI table created on easy access screen into "All Items" table of VA01 transaction.

Liquid UI Code:

```
////////////////////////////////// SAPLSMTR_NAVIGATION.E0100.sjs //////////////////////////////////
```

```
del("X[IMAGE_CONTAINER]"); // deletes image
```

```
pushbutton( [TOOLBAR], "Assign to SAP Table","?",{  
"process":z_AssigntoSAPTbale,"size":[2,23]}); // pushbutton to call function
```

```
//creating table
```

```
table([1,5],[10,45],{"name":"va01_AllItems","title":"All items", "rows":10,  
"rowselection":true,"columnselection":true});
```

```
column('Item',{ "table":"va01_AllItems", "size":4,"name":"z_va01_item", "position":1});
```

```
column('Material',{ "table":"va01_AllItems", "size":15,"name":"z_va01_material", "position":2});
```

```
column('Order  
Quantity',{ "table":"va01_AllItems", "size":15,"name":"z_va01_Orderquantity", "position":3});
```

```
//function to assign values to All Items table
```

```
function z_AssigntoSAPTbale(){
```

```
    i = 0; //declaring variables and arrays
```

```
    temp_items=[];
```

```
    temp_material=[];
```

```
    temp_quantity=[];
```

```

// code to fetch data from Liquid table to arrays

STARTLABEL:

z_temp1 = va01_AllItems.z_va01_item[i];
z_temp2 = va01_AllItems.z_va01_material[i];
z_temp3 = va01_AllItems.z_va01_Orderquantity[i];

if(isBlank(z_temp1) && isBlank(z_temp2) && isBlank(z_temp3)){
    goto ENDLOOP;
}

temp_items.push(z_temp1);
temp_material.push(z_temp2);
temp_quantity.push(z_temp3);
i=i+1;
goto STARTLABEL;

ENDLOOP:

enter('/nva01');

// Create Standard Order: Overview

onscreen 'SAPMV45A.0101'

set('F[Order Type]', 'OR');

enter();

```

```
// Create Standard Order: Overview
```

```
onscreen 'SAPMV45A.4001'
```

```
    set('F[Sold-to party]', '1460');
```

```
    enter();
```

```
// Logic to assign array values to All item table
```

```
onscreen 'SAPMV45A.4001'
```

```
    gettableattribute("T[All items]", {"lastvisiblerow": "LVisRow"}) // gets lastvisible row
```

```
    var z=1;
```

```
    for(j=0;j<LVisRow;j++){ // assign values to visible rows in table
```

```
        z_item_temp = temp_items[j];
```

```
        z_item_material = temp_material[j];
```

```
        z_item_quantity = temp_quantity[j];
```

```
        set("cell[All items,Item,&V[z]]" , "&V[z_item_temp]");
```

```
        set("cell[All items,Material,&V[z]]" , "&V[z_item_material]");
```

```
        set("cell[All items,Order Quantity,&V[z]]" , "&V[z_item_quantity]");
```

```
        z=z+1;
```

```
    }
```

```
// on enter cursor moves to next row in table
```

```
START:
```

```
    enter();
```

```
// logic assign values to rows after scrolling table using enter()
```

```
onscreen 'SAPMV45A.4001'
```

```

z_item_temp = temp_items[j];
z_item_material = temp_material[j];
z_item_quantity = temp_quantity[j];
set("cell[All items,Item,&V[LVisRow]]" , "&V[z_item_temp]");
set("cell[All items,Material,&V[LVisRow]]" , "&V[z_item_material]");
set("cell[All items,Order Quantity,&V[LVisRow]]" , "&V[z_item_quantity]");
j=j+1;

if(j<=i){ // loops until all liquid ui table values are assigned to sap table
    goto START;
}
enter();
}

```

After executing you can see values from Liquid UI table assigned to "All Items" table of "VA01" transaction.

Enter values into Liquid UI table created on easy access screen and click on “Assign to SAP Table” button Toolbar.

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. The main area is titled "SAP Easy Access" and contains a sub-toolbar with buttons: Other menu, Create role, Assign users, Documentation, and Assign to SAP Table. The "Assign to SAP Table" button is highlighted. Below the sub-toolbar is a table titled "Liquid UI All items table". The table has three columns: Item, Material, and Order Quantity. The table contains 5 rows of data. The first row is highlighted in yellow.

Item	Material	Order Quantity
10	102-510	1
20	102-500	2
30	102-510	3
40	102-500	4
50	102-510	5

At the bottom of the screen, there is a status bar with the SAP logo, a dropdown menu showing "TR1 (1) 800", and buttons for ZEUS, OVR, and a lock icon.

## All Items table of VA01 transaction assigned with value from Liquid UI table

SAP Sales document interface showing the 'Create Standard Order: Overview' screen.

**Standard Order:** [ ] **Net value:** 0,00 EUR

**Sold-To Party:** 1460 C.A.S. Computer Application Systems / Chemnitzer Strasse 42 ...

**Ship-To Party:** 1460 C.A.S. Computer Application Systems / Chemnitzer Strasse 42 ...

**PO Number:** [ ] **PO date:** [ ]

**Tabs:** Sales | **Item overview** | Item detail | Ordering party | Procurement | Shipping | Reason for rejection

**Item Overview Fields:**

- Req. deliv.date: D 30.11.2017
- Deliver.Plant: [ ]
- ☐ Complete delv.
- Total Weight: 17,700 KG
- Delivery block: [ ]
- Volume: 0,000
- Billing block: [ ]
- Pricing date: 23.11.2017
- Payment card: [ ]
- Exp.date: [ ]
- Card Verif.Code: [ ]
- Payment terms: ZB02 8 days 5%, 14/2%...
- Incoterms: CPT Dresden
- Order reason: [ ]

**All items table:**

Item	Material	Order Quantity	Un	Description	S	Customer Material Numb	ItCa	Di
	50102-510	5	ST	Kugellager	<input checked="" type="checkbox"/>		IAN	
	[Redacted]				<input type="checkbox"/>			

**Footer:** SAP | TR1 (1) 800 | ZEUS | OVR