

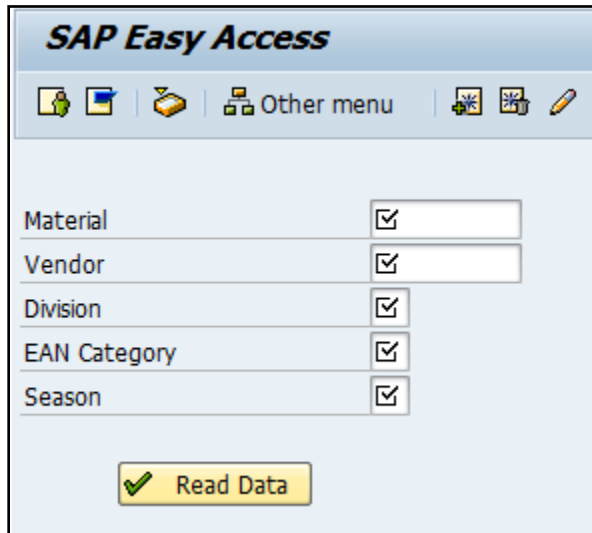
Liquid UI: Key/Value Pair Validation

Purpose

Perform data validation using key value pair logic.

User Interface

Log into SAP and on the SAP Easy Access Screen enter required data.



The screenshot displays the SAP Easy Access interface. At the top, there is a title bar with the text "SAP Easy Access". Below the title bar is a menu bar containing several icons and the text "Other menu". The main area of the screen is a form with five rows, each representing a data field: "Material", "Vendor", "Division", "EAN Category", and "Season". Each row has a small checkbox icon to its right. Below the form is a yellow button with a green checkmark icon and the text "Read Data".

Material	<input checked="" type="checkbox"/>
Vendor	<input checked="" type="checkbox"/>
Division	<input checked="" type="checkbox"/>
EAN Category	<input checked="" type="checkbox"/>
Season	<input checked="" type="checkbox"/>

Liquid UI Code [Script]

User Interface file -

```
SAPLSMTR_NAVIGATION.E0100.sjs
1 // Data Validation Array in Key/value pairs
2 var requiredDataArr = [{key:'Material',value:z_material},
3                         {key:'Vendor',value:z_vendor},
4                         {key:'Division',value:z_division},
5                         {key:'EAN Category',value:z_ean_cat},
6                         {key:'Season',value:z_season}];
7
8 // Function to trim blank spaces at the end of the string
9 String.prototype.trim=function(){return this.replace(/^\s+|\s+$/g,'');}
10
11 // Function to check if the string value is blank
12 function isBlank(jvar){
13     if(typeof jvar == 'string') {
14         jvar = jvar.trim();
15     }
16     if(typeof jvar == 'undefined') {
17         jvar = '';
18     }
19     return(jvar == 'undefined' || jvar == undefined || jvar == null || jvar == "" || jvar == void 0);
20 }
21
22 // Function is used to check if value is blank for a any key in the array
23 // If value is blank, then returns the key associated with the blank value
24 function isBlankKeyValue(arr){
25     for(i=0;i<arr.length;i++){
26         if(isBlank(arr[i].value)){
27             return arr[i].key;
28         }
29     }
30     return null;
31 }
32
33 // Function to validate required fields
34 function validateRequiredData(){
35     var validateReqData = isBlankKeyValue(requiredDataArr);
36     if(!isBlank(validateReqData)){
37         message('E: '+validateReqData+ ' is required field');
38         goto SCRIPT_END;
39     }
40     message('S: Validation successful');
41     SCRIPT_END;;
42 }
43
44 // User Interface
45 clearscreen();
46 inputfield([1,0], "Material", [1,25], {"size":10, "name":"z_material", "required":true});
47 inputfield([2,0], "Vendor", [2,25], {"size":10, "name":"z_vendor", "required":true});
48 inputfield([3,0], "Division", [3,25], {"size":2, "name":"z_division", "required":true});
49 inputfield([4,0], "EAN Category", [4,25], {"size":2, "name":"z_ean_cat", "required":true});
50 inputfield([5,0], "Season", [5,25], {"size":2, "name":"z_season", "required":true});
51 pushbutton([7,7], "@01@Read Data", "?", {"process":validateRequiredData});
```