

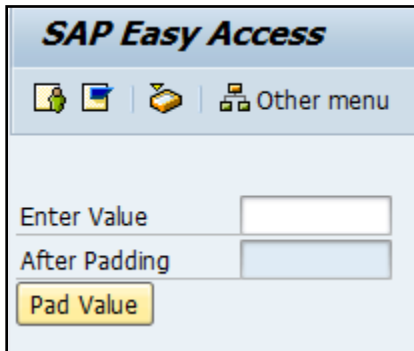
Liquid UI: Padding a String

Purpose

To add characters before or after a string based on parameters passed.

User Interface

Log into SAP and on the SAP Easy Access Screen enter the value and click on 'Pad Value' pushbutton.



The screenshot shows the SAP Easy Access interface. At the top, there is a header bar with the text "SAP Easy Access" in a bold, italicized font. Below the header, there is a navigation bar with several icons: a person icon, a document icon, a folder icon, and a menu icon. To the right of the menu icon, the text "Other menu" is displayed. Below the navigation bar, there is a main content area. In this area, there are two input fields. The first input field is labeled "Enter Value" and is empty. The second input field is labeled "After Padding" and is also empty. Below these input fields, there is a yellow pushbutton labeled "Pad Value".

Liquid UI Code [Script]

User Interface file –

```
SAPLSMTR_NAVIGATION.E0100.sjs
1 String.prototype.trim=function(){return this.replace(/^\s+|\s$/g, '');}
2
3 const PADDING_LEFT = 0;
4 const PADDING_RIGHT = 1;
5
6 // Function to add characters before or after the source based on the parameters
7 function padString(source,length,direction,character) {
8     var loop;
9     var output = "";
10    var sourceLength = 0;
11    if (typeof(source) != 'string'){
12        source = source.toString();
13    }
14
15    set('V[z_source]',source.trim());
16    if(z_source) {
17        sourceLength = z_source.length;
18    }
19
20    switch(direction) {
21    case PADDING_LEFT:
22        for(loop = 0; loop < (length - sourceLength); loop++) {
23            output += character;
24        }
25        output = output + z_source;
26
27        break;
28
29    case PADDING_RIGHT:
30        for(loop = 0; loop < (length - sourceLength); loop++) {
31            output += character;
32        }
33        output = z_source + output;
34        break;
35    }
36    return output;
37 }
38
39 // Function to return the padded value based on the character value passed
40 function padValueWithChar(param){
41     z_temp = padString(z_value,10,0,param.mychar);
42     set('V[z_padded_value]','&V[z_temp]');
43     return;
44 }
45
46
47 // User Interface
48 clearscreen();
49 inputfield([1,0], "Enter Value", [1,16], {"size":10, "name":"z_value"});
50 inputfield([2,0], "After Padding", [2,16], {"size":10, "name":"z_padded_value", "readonly":true});
51 pushbutton([3,0], "Pad Value", {"process":padValueWithChar, "using":{"mychar":"0"}});
52
```