

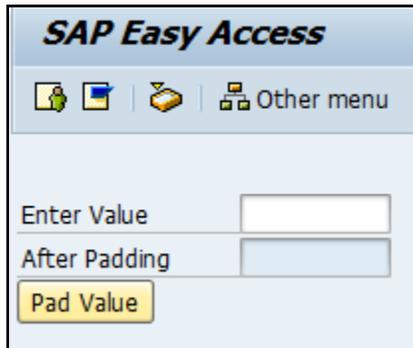
Liquid UI: Padding a String

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 with the text "SAP Easy Access" and several icons. Below the header, there is a navigation bar with icons and the text "Other menu". The main area contains a form with two input fields: "Enter Value" and "After Padding". The "Enter Value" field is empty, and the "After Padding" field is also empty. Below the input fields, there is a yellow button labeled "Pad Value".

Liquid UI Code [Script]

User Interface file -

```
SAPLSMTR_NAVIGATION.E0100.sjs x
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
```