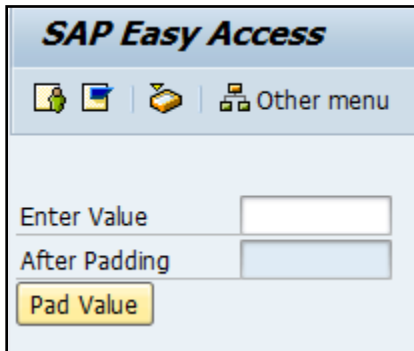# Liquid UI: Padding a String

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.

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
```