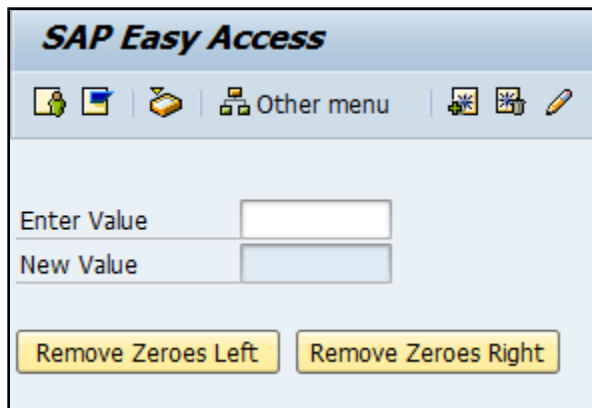# Liquid UI: Unpad zeroes from string

Purpose

To remove zeroes 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 either the 'Remove Zeroes Left' or 'Remove Zeroes Right' pushbuttons.

Liquid UI Code [Script]

User Interface file –

```
SAPLSMTR_NAVIGATION.E0100.sjs

1    // Function to remove zeroes padded to the source based on the direction specified
2    function unPadZeroes(source,direction) {
3        var output = "";
4        var sourceLength = 0;
5        var sourceOriginalLength = 0;
6        source = source.toString();
7
8        if(source) {
9            sourceOriginalLength = source.length;
10           sourceLength = source.length;
11       }
12
13       switch (direction){
14           case "LEFT":
15               for (var loop = 0; loop < sourceOriginalLength; loop++) {
16                   if(source[0]=='0'){
17                       source = source.substring(1,sourceLength);
18                       sourceLength = source.length;
19                   } else {
20                       break;
21                   }
22               }
23               break;
24           case "RIGHT":
25               for (var loop = 0; loop < sourceOriginalLength; loop++) {
26                   if(source[sourceLength-1]=='0'){
27                       source = source.substring(0,sourceLength-1);
28                       sourceLength = source.length;
29                   } else {
30                       break;
31                   }
32               }
33               break;
34       }
35       return source;
36   }
37
38   // Function to remove zeroes to the left of the source
39   function removeZeroesLeft(){
40       z_temp = unPadZeroes(z_value,"LEFT");
41       set('V[z_unpadded_value]','&V[z_temp]');
42       return;
43   }
44
45   // Function to remove zeroes to the right of the source
46   function removeZeroesRight(){
47       z_temp = unPadZeroes(z_value,"RIGHT");
48       set('V[z_unpadded_value]','&V[z_temp]');
49       return;
50   }
```

```
52   // User Interface
53   clearscreen();
54   inputfield([1,0], "Enter Value", [1,16], {"size":10, "name":"z_value"});
55   inputfield([2,0], "New Value", [2,16], {"size":10, "name":"z_unpadded_value", "readonly":true});
56   pushbutton([4,0], "Remove Zeroes Left", {"process":removeZeroesLeft, "size":[1,18]});
57   pushbutton([4,20], "Remove Zeroes Right", {"process":removeZeroesRight, "size":[1,18]});
```