

# Liquid UI: Increment counter using Appendfile

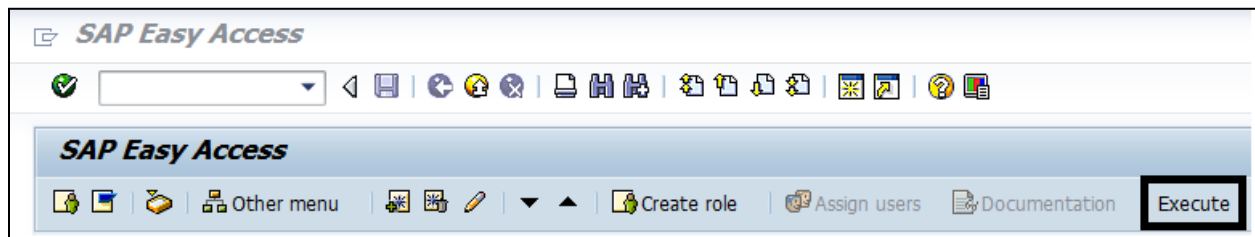
---

## Purpose

To use appendfile command and increment counter in a file. This could also be used as an example to use appendfile to add to a file.

## User Interface

Log into SAP and on the SAP Easy Access Screen click on the 'Execute' toolbar pushbutton:



## Liquid UI Code [Script]

### User Interface file -

```
saplsmttr_navigation.e0100.sjs
1 function testFunction() {
2     strFileName = 'counter.txt';
3     appendToCounterFile(strFileName);
4 }
5
6 pushbutton([TOOLBAR], 'Execute', '?', {'process':testFunction});
7
8 // Function is called to remove blank spaces
9 String.prototype.trim = function() {
10     return this.replace(/^\s+|\s+$/g, "");
11 }
12
13 // Function is called to validate if the variable holds blank or null value
14 function isBlank(jvar){
15     if(typeof jvar == undefined || jvar == null || jvar == "" || jvar == void 0)
16         return true;
17     else
18         return jvar.toString().trim() == '';
19 }
20
21 function appendToCounterFile(fileName) {
22     var lastCounter = 0;
23     var z_counter = '';
24     var strBlank = '';
25     openfile(fileName, {"delimiter":","});
26     NEXT_LINE_READ;;
27     readfile(fileName, {"z_counter":true});
28     if(isBlank(z_counter)) {
29         goto END_OF_FILE;
30     }
31     lastCounter = parseInt(z_counter);
32     var z_counter = '';
33     goto NEXT_LINE_READ;
34
35     END_OF_FILE;;
36     closefile(fileName);
37
38     openfile(fileName, {"append":true, "delimiter":","});
39     lastCounter++;
40     appendfile(fileName, {"lastCounter":true});
41     closefile(fileName);
42 }
```

### 'Counter' File -

1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8