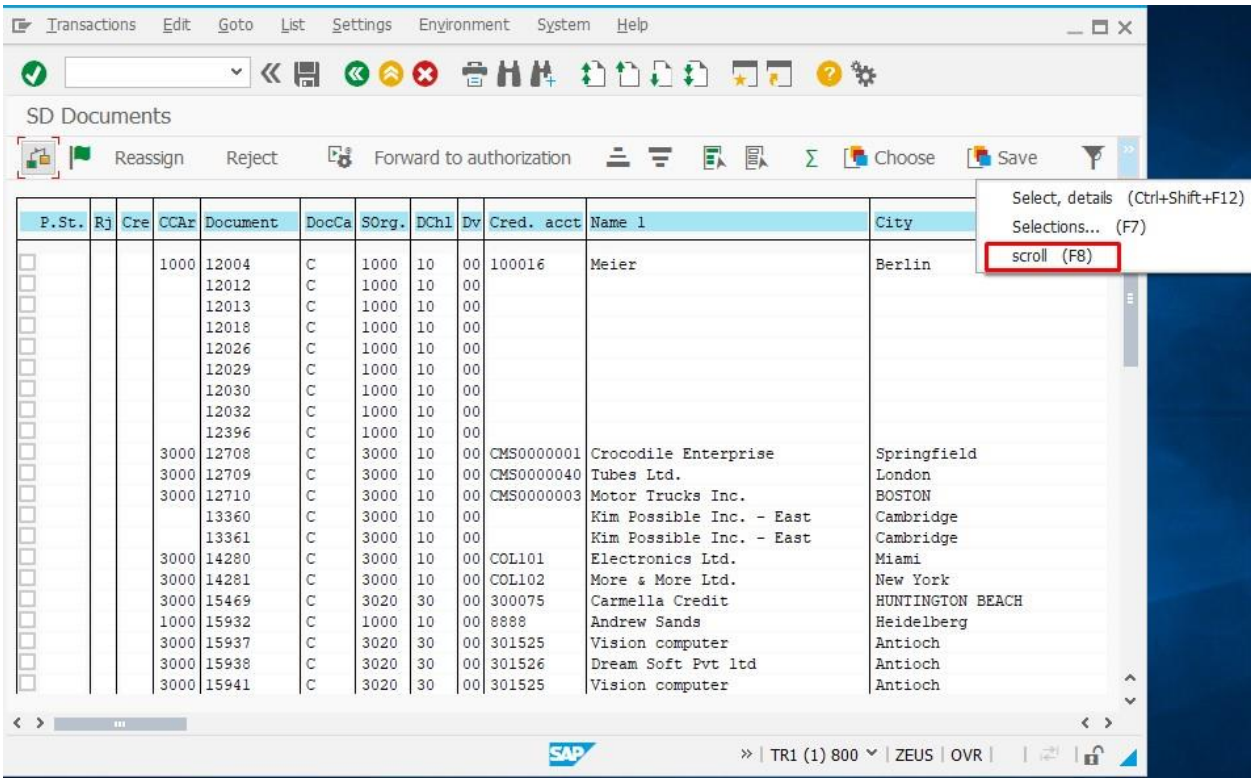
Liquid UI: Reading List-screen Data to Excel

Purpose: To read List Screen Data to Excel.

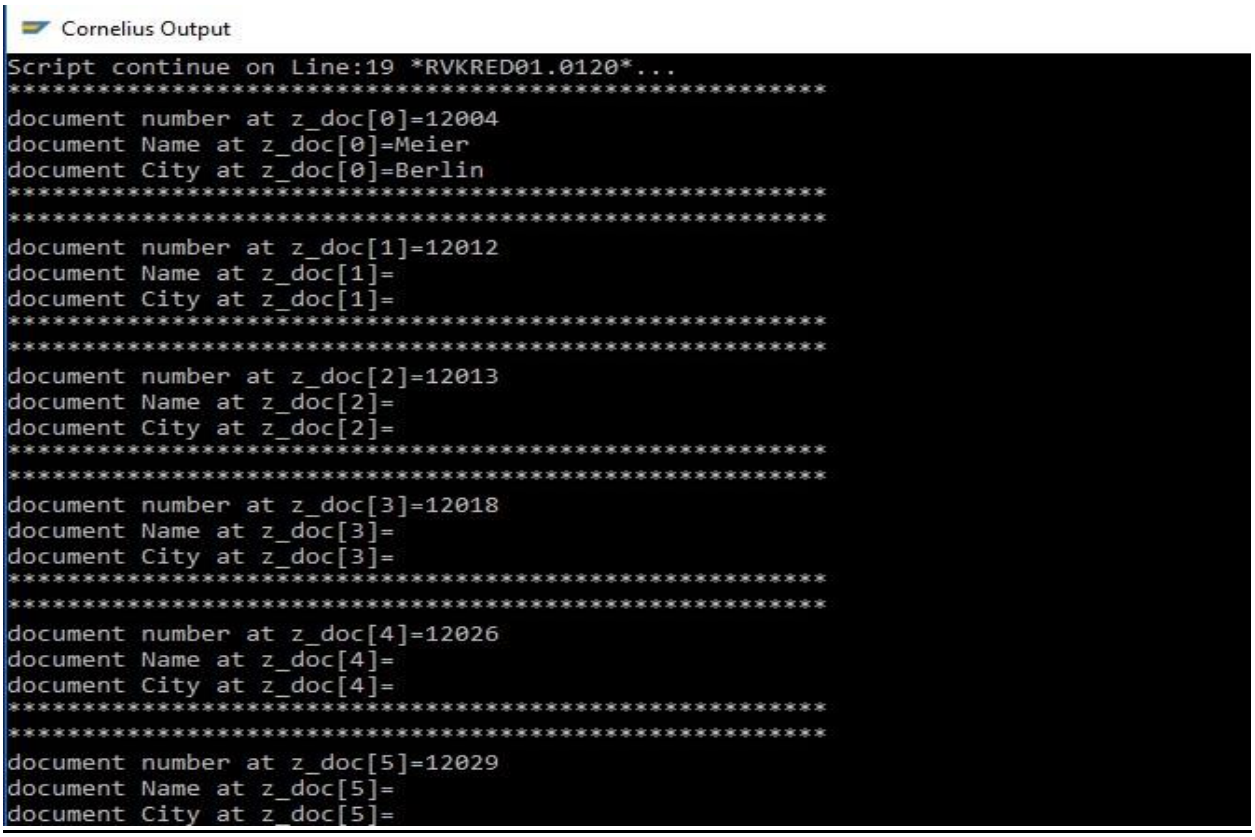
User Interface:

1) Log into SAP and on the SAP Easy Access Screen enter the transaction VKM1, you will be navigated to “SD Documents” screen and click “Scroll” button on the toolbar.



P.St.	Rj	Cre	CCAr	Document	DocCa	SOrg.	DChl	Dv	Cred. acct	Name 1	City
			1000	12004	C	1000	10	00	100016	Meier	Berlin
				12012	C	1000	10	00			
				12013	C	1000	10	00			
				12018	C	1000	10	00			
				12026	C	1000	10	00			
				12029	C	1000	10	00			
				12030	C	1000	10	00			
				12032	C	1000	10	00			
				12396	C	1000	10	00			
			3000	12708	C	3000	10	00	CMS0000001	Crocodile Enterprise	Springfield
			3000	12709	C	3000	10	00	CMS0000040	Tubes Ltd.	London
			3000	12710	C	3000	10	00	CMS0000003	Motor Trucks Inc.	BOSTON
				13360	C	3000	10	00		Kim Possible Inc. - East	Cambridge
				13361	C	3000	10	00		Kim Possible Inc. - East	Cambridge
			3000	14280	C	3000	10	00	COL101	Electronics Ltd.	Miami
			3000	14281	C	3000	10	00	COL102	More & More Ltd.	New York
			3000	15469	C	3020	30	00	300075	Carmella Credit	HUNTINGTON BEACH
			1000	15932	C	1000	10	00	8888	Andrew Sands	Heidelberg
			3000	15937	C	3020	30	00	301525	Vision computer	Antioch
			3000	15938	C	3020	30	00	301526	Dream Soft Pvt ltd	Antioch
			3000	15941	C	3020	30	00	301525	Vision computer	Antioch

2) Output showing List-screen data copied to array.



3) Output showing List-screen data copied to Excel File.

	A	B	C	D	E	F	G	H
1	Doccument Number	Name of the Person	City					
2	12004	Meier	Berlin					
3	12012							
4	12013							
5	12018							
6	12026							
7	12029							
8	12030							
9	12032							
10	12396							
11	12708	Crocodile Enterprise	Springfield					
12	12709	Tubes Ltd.	London					
13	12710	Motor Trucks Inc.	BOSTON					
14	13360	Kim Possible Inc. - East	Cambridge					
15	13361	Kim Possible Inc. - East	Cambridge					
16	14280	Electronics Ltd.	Miami					
17	14281	More & More Ltd.	New York					
18	15469	Carmella Credit	HUNTINGTON BEACH					
19	15932	Andrew Sands	Heidelberg					
20	15937	Vision computer	Antioch					

User Interface file:

```
load('wsoffice');
pushbutton( [TOOLBAR], "scroll  ",{ "process": z_readfromlist }); // pushbutton to call function


function z_readfromlist(){ // function to reading data from list screen and assign it to array
    z_doc  = []; // array to store data
    z_doc1 = []; // array to store data
    z_doc2 = []; // array to store data
    lfvrow = 1;

    onscreen 'RVKRED01.0120'
        SCROLL_NEXT:;
        enter("/scrolltoline=&V[lfvrow]"); //scroll the list vertically

    onscreen 'RVKRED01.0120'
        enter("/hscrollto=0"); //scroll list horizontally

     //goes to end of function when end of list-screen is reached
    if(lfvrow >= _listlastvisiblerow){
        goto END;
    }

    START:;
    lfvrow = _listfirstvisiblerow;
    llvrow = _listlastvisiblerow;
    z_row = 3;
```

```
31      LOOP:;
32      set("V[doc_val]","&#["+z_row+",30]");
33      set("V[doc_val1]","&#["+z_row+",72]");
34      set("V[doc_val2]","&#["+z_row+",97]");
35      z_doc.push(doc_val);
36      z_doc1.push(doc_val1);
37      z_doc2.push(doc_val2);
38      lfvrow = lfvrow+1;
39
40      if(lfvrow <= _listlastvisiblerow){
41          z_row = z_row+1;
42          goto LOOP;
43      }
44      else{
45          goto SCROLL_NEXT
46      }
47
48      END:;
49
50      for(i=0;i<z_doc.length;i++){ // display array elements on cornelius output window
51
52          println("*************************************************************");
53          println("document number at z_doc["+i+"]="+z_doc[i]);
54          println("document Name at z_doc["+i+"]="+z_doc1[i]);
55          println("document City at z_doc["+i+"]="+z_doc2[i]);
56          println("*************************************************************");
57
58      }
59      copy_To_Excel(zdoc,zdoc1,zdoc2)
60
```

```
60
61  }
62
63
64  function copy_To_Excel(zdoc,zdoc1,zdoc2)
65  {
66
67      var ExcelApp = new ActiveXObject("Excel.Application");
68      var ExcelSheet = new ActiveXObject("Excel.Sheet");
69      ExcelSheet.ActiveSheet.Cells(1,1).Value = "Doccument Number";
70      ExcelSheet.ActiveSheet.Cells(1,2).Value = "Name of the Person";
71      ExcelSheet.ActiveSheet.Cells(1,3).Value = "City";
72      for(i=2;i<z_doc.length;i++) {
73          ExcelSheet.ActiveSheet.Cells(i,1).Value = z_doc[i];
74          ExcelSheet.ActiveSheet.Cells(i,2).Value = z_doc1[i];
75          ExcelSheet.ActiveSheet.Cells(i,3).Value = z_doc2[i];
76      }
77      var str = "C:\\LiquidUI\\scripts\\TEST.XLS";
78      var fso = new ActiveXObject("Scripting.FileSystemObject");
79      if(fso.FileExists(str)){
80          message("E:FILE ALREADY EXISTS PLEASE REMOVE OLD FILE");
81      }
82      else{
83          ExcelSheet.SaveAs(str);
84          ExcelSheet.Application.Quit();
85
86      }
87
88  }
```