

Select Directory with WS Custom Function

Purpose:

Using the select directory custom function with WS.

Prerequisites:

WSoffice.dll

Usage:

Select directory custom function chooses a directory from which users can select a file to be opened. This is very useful when choosing an Excel or PDF file to open for bulk data transfer to SAP via WS office.

The custom function code is as follows:

```
function selectDirectory() {  
    var dirName = " ";  
    dirvalue = readDirectory(0, "Please select a directory", 0);  
    set('V[z_directory]', dirvalue);  
}
```

The selectDirectory custom function calls a second custom function, the readDirectory function. This function is where the dialog box attributes are defined and this function must be called for a user to display dialog box.

The code is as below.

```
function readDirectory(wHnd,strTitle,iOptions){  
    //This function is for selecting a directory  
    //BIF_browseincludefiles  
    //the use of this option enables the selection of file in select directory dialog box  
    var aWshShell = new ActiveXObject("Shell.Application");  
    var objFolder = aWshShell.BrowseForFolder(wHnd, strTitle, iOptions);  
    objFolder = objFolder.ParentFolder.ParseName(objFolder.Title).Path;  
    println("-----Specified Directory-----" + objFolder + "-----");  
    aWshShell = void 0;  
    return objFolder;  
}
```

Example:

In this example, we will select a directory and output the directory name on the SAP easy access screen. To demonstrate this operation, please do the following.

Liquid UI Script

On 'SAPLSMTR_NAVIGATION.E0100.sjs' script file

```
load('wsoffice.dll'); //enables wsoffice functionalities

del("X[IMAGE_CONTAINER]");

pushbutton([8,25], "Select Directory", "/0", {"process":selectDirectory}); //pushbutton to call
'selectDirectory' function

inputfield([6,1], "Directory", [6,15], {"name":"z_directory", "size":"50"}); // inputfield to show
selected directory
```

```
function readDirectory(wHnd,strTitle,iOptions){ //readDirectory custom function

var aWshShell = new ActiveXObject("Shell.Application");

var objFolder = aWshShell.BrowseForFolder(wHnd, strTitle, iOptions);

objFolder = objFolder.ParentFolder.ParseName(objFolder.Title).Path;

println("-----Specified Directory-----" + objFolder + "-----");

aWshShell = void 0;

return objFolder;

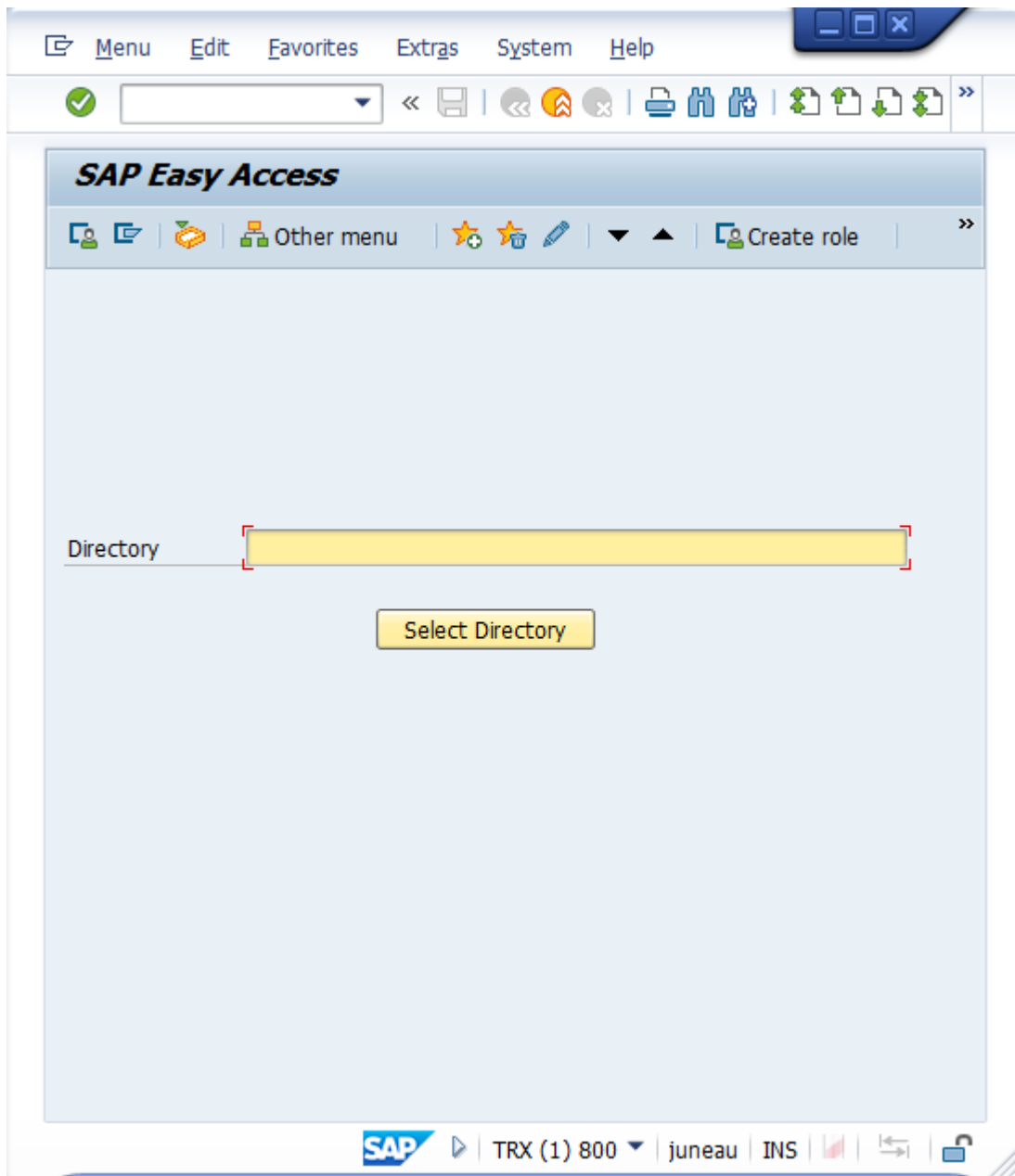
}
```

```
function selectDirectory() { //selectDirectory custom function  
    var dirName = " ";  
    dirvalue = readDirectory(0, "Please select a directory", 0);  
    set('V[z_directory]', dirvalue);  
}
```

Note: wsoffice.dll should be installed and needs to be loaded using code below.

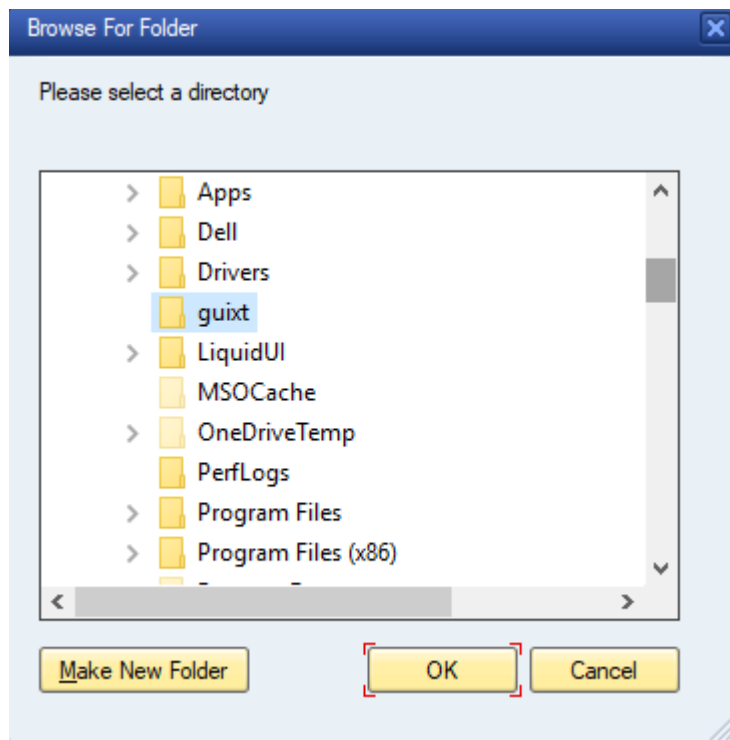
```
load('wsoffice.dll');
```

Easy Access Screen



Click on pushbutton 'Select Directory' to open dialog box for selecting directory.

Dialog Box



Select a folder and click on **ok** can also create new folder using **Make New Folder** button.

And **Cancel** to close dialog box.

Easy Access Screen with Selected path in inputfiled

