

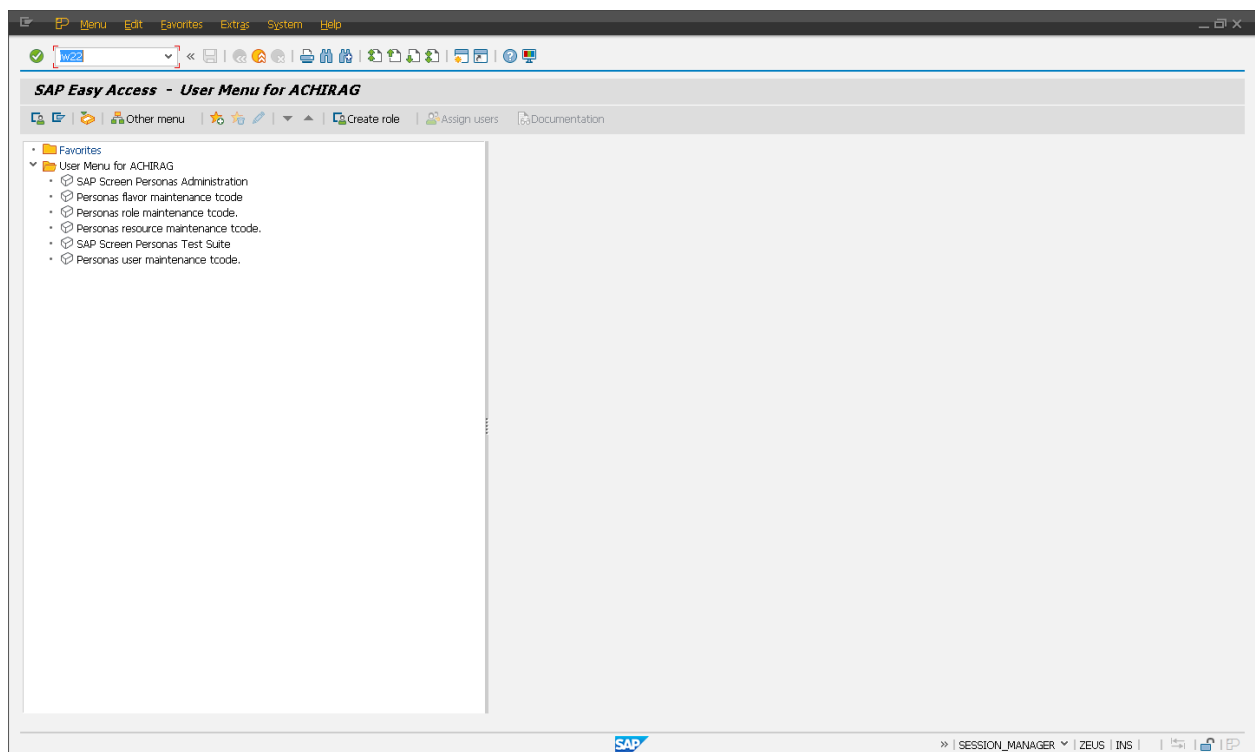
Liquid UI: Using Word Automation to Create a Doc

Purpose

This forum article will show an example of how we can create a Word document in LiquidUI. We will take some text from a notification in IW22 and create a document with it. In order for this to work, you must load wsoffice.dll in the ESESSIONS.SJS file.

User Interface

Log into SAP and navigate to IW22.



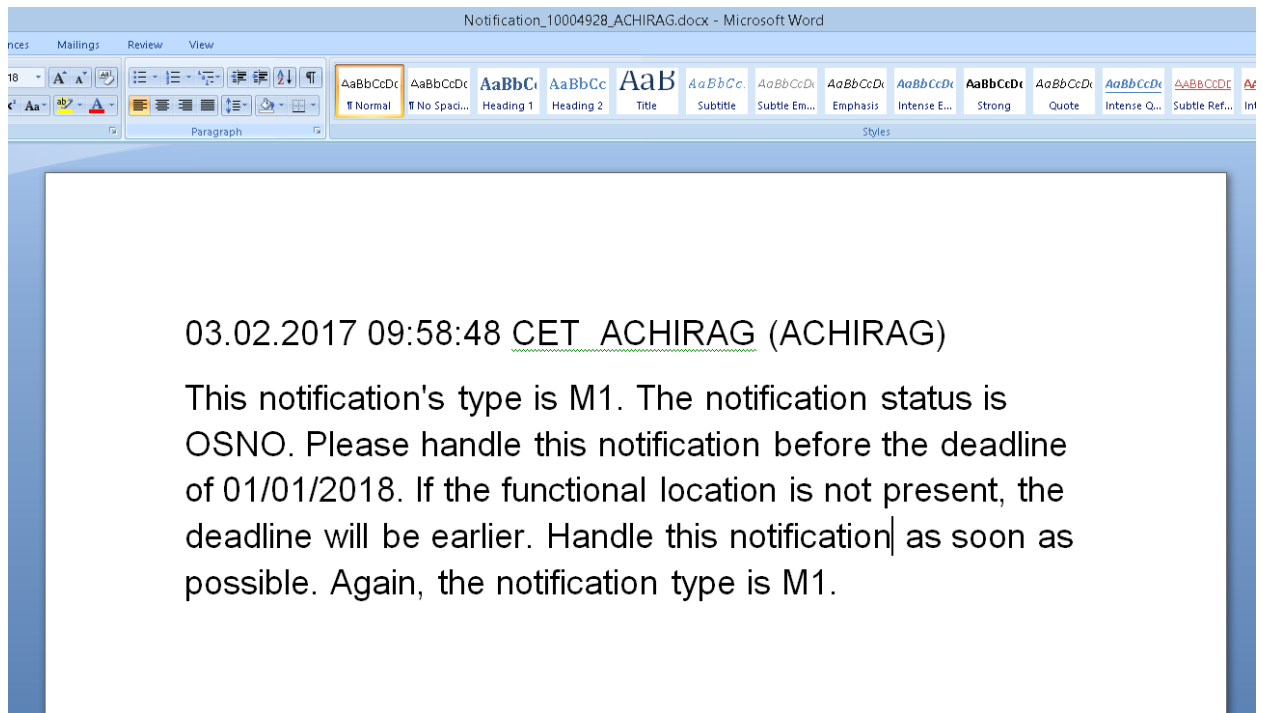
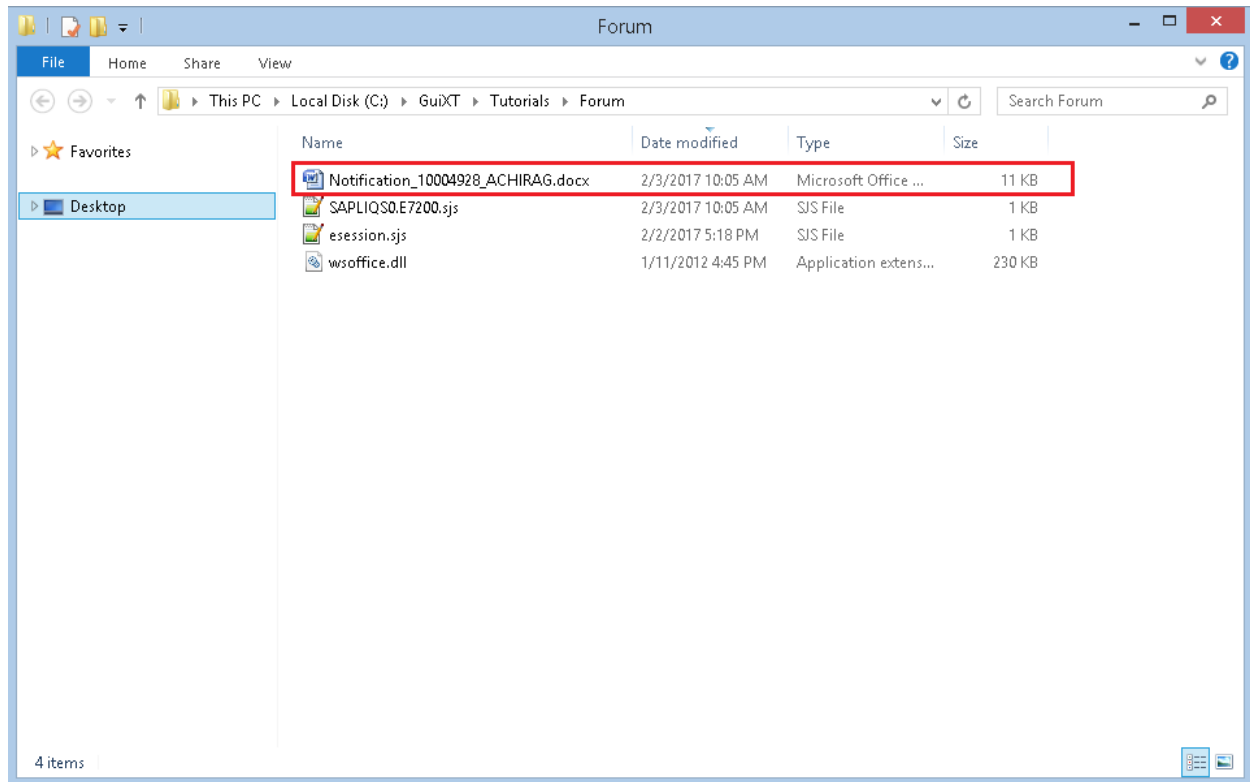
Enter in a notification with some long text, in this case “10004928”.

The screenshot shows the 'Change PM Notification: Initial Screen' in SAP. The top menu bar includes 'PM Notification', 'Edit', 'Goto', 'Extras', 'Environment', 'System', and 'Help'. Below the menu is a toolbar with various icons. The main area has a title bar 'Change PM Notification: Initial Screen' and a sub-header 'Notification'. The 'Notification' field is highlighted with a red box and contains the text '10004928'.

Click the “Create Word Document” pushbutton on the toolbar.

The screenshot shows the 'Change PM Notification: Maintenance request' screen in SAP. The top menu bar includes 'Maintenance notification', 'Edit', 'Goto', 'Extras', 'Environment', 'System', and 'Help'. Below the menu is a toolbar with various icons, including a 'Create Word Document' button highlighted with a red box. The main area has a title bar 'Change PM Notification: Maintenance request' and a sub-header 'Maintenance request'. The 'Notification' field is highlighted with a red box and contains the text '10004928'. The 'Notific. Status' field contains 'OSNO'. The 'Order' field is empty. The 'Reference object' section includes fields for 'Functional loc.', 'Equipment', 'Assembly', and 'UII'. The 'Responsibilities' section includes fields for 'Planner group', 'Main WorkCtr', 'Department resp', and 'Person Responsi'. The 'Reported by' field is empty. The 'Notif.date' field contains '09.11.2016' and '00:19:48'. The 'Subject' section includes fields for 'Failure Mode' and 'Description'. The 'Description' field contains the text: '03.02.2017 09:58:48 CET ACHIRAG (ACHIRAG) This notification's type is M1. The notification status is OSNO. Please handle this notification before the deadline of 01/01/2018. If the functional location is not present, the deadline will be earlier. Handle this notification as soon as possible. Again, the notification type is M1.'

A process will run that creates a word document containing the Long Description of the notification.



Liquid UI Code [Script]

```
C:\GuiXT\Tutorials\Forum\SAPLIQS0.E7200.sjs - Notepad++
File Edit Search View Encoding Language Settings Macro Run TextFX Plugins Window ?
eSession.sjs SAPLIQS0.E7200.sjs
1 //SAPLIQS0.E7200.sjs
2
3 // Pushbutton that will trigger our function
4 pushbutton([TOOLBAR],"Create Word Document", "?", {"process":createDoc});
5
6 // This function will create a Word document
7 function createDoc(){
8
9     onscreen 'SAPLIQS0.7200'
10     set("V[notification_num]", "&F[Notification]");
11     copytext({"fromscreen":"X[TEXT]", "totext":"z_text"});
12
13
14     // Create MS Object for Word
15     var wordObj = new ActiveXObject('word.application');
16     // Do not show the Microsoft Word window
17     wordObj.Visible = false;
18
19     docx = wordObj.Documents.Add();
20
21     objSelection = wordObj.Selection
22
23     objSelection.Font.Name = "Arial";
24     objSelection.Font.Size = "18";
25     objSelection.TypeText(z_text);
26
27     objSelection.TypeParagraph()
28
29     docx.SaveAs("C:\\GuiXT\\Tutorials\\Forum\\Notification_"+notification_num+"_"+_user+".docx");
30     wordObj.Quit();
31
32     enter("?");
33
34 }
```

```
C:\GuiXT\Tutorials\Forum\esession.sjs - Notepad++
File Edit Search View Encoding Language Settings Macro Run TextFX Plugins Window ?
eSession.sjs SAPLIQS0.E7200.sjs
1 // esession.sjs
2 load("usoffice");
```