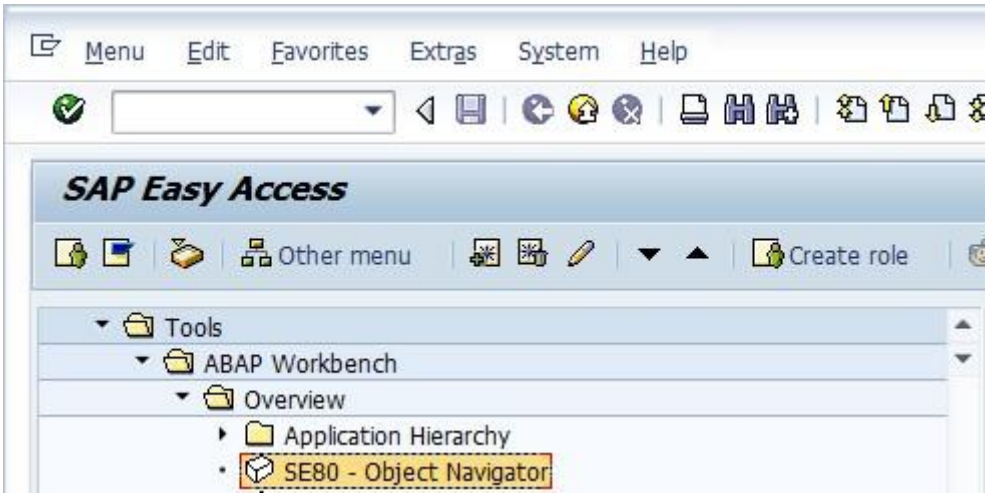
This tutorial will explain to you in detail what the steps are that you need to follow to run your scripts out of the SAP MIME Repository.

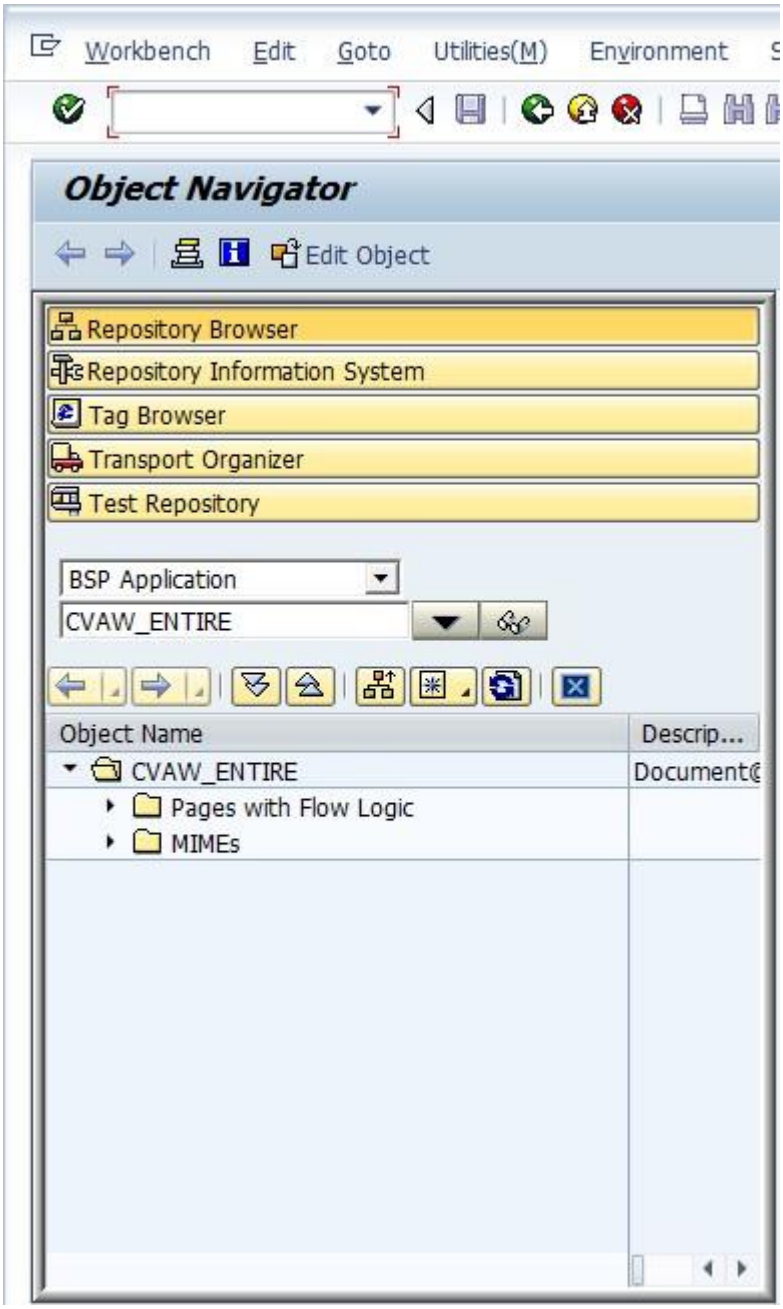
Before you start:

Please make sure that your GuiXT RFC User has the correct authorizations, as explained here:
http://synactive.com/docu_e/doc_rfc.html

Log on to SAP, and navigate to the ABAP Workbench (Transaction SE80)



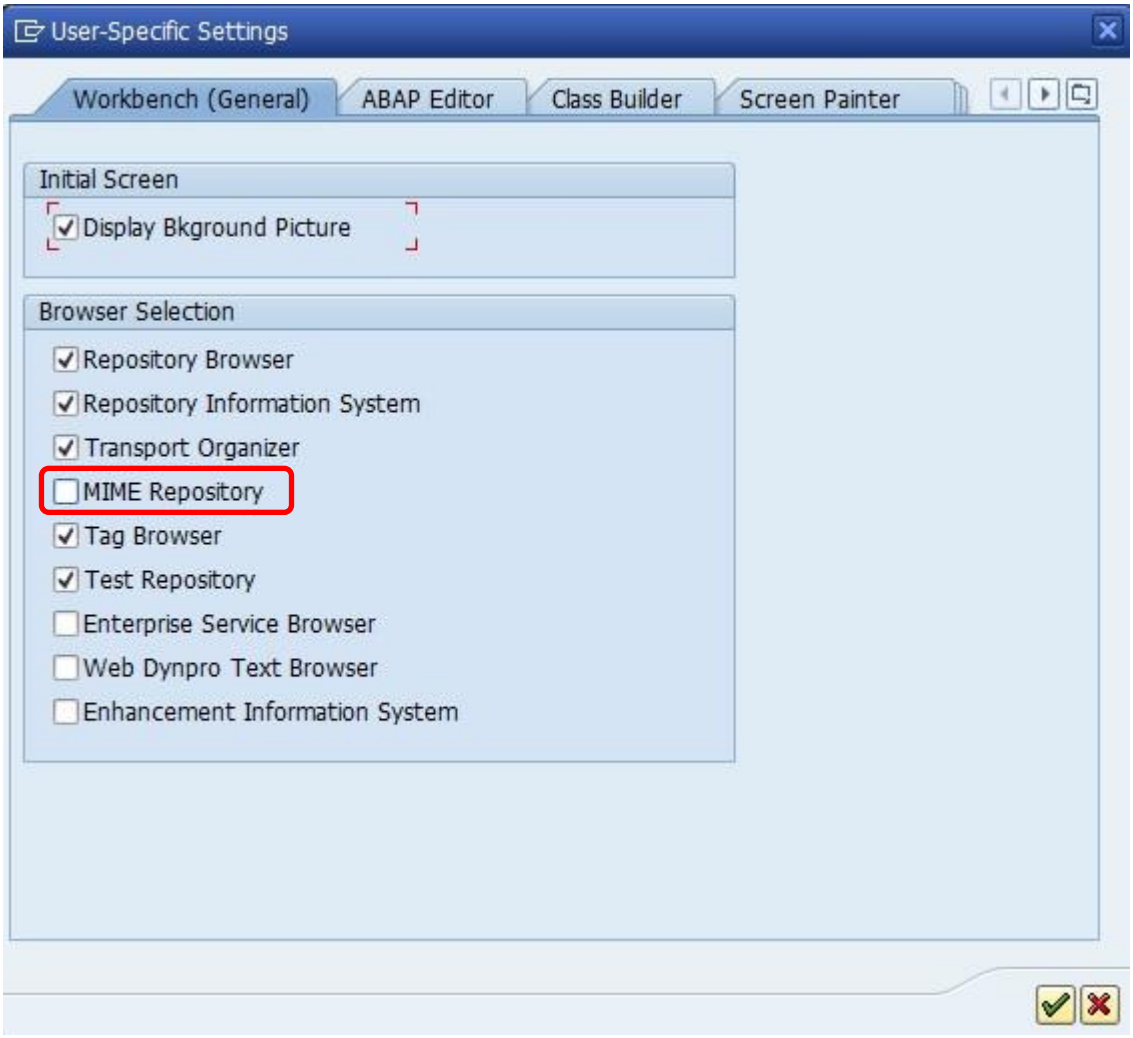
Depending on your system settings, you may or may not see the option "**MIME Repository**" in the Object Navigator.



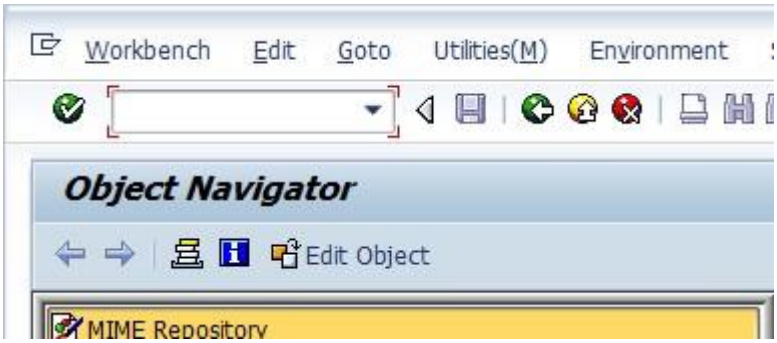
If you do not see the see the option "**MIME Repository**" in the Object Navigator, click on Utilities→Settings



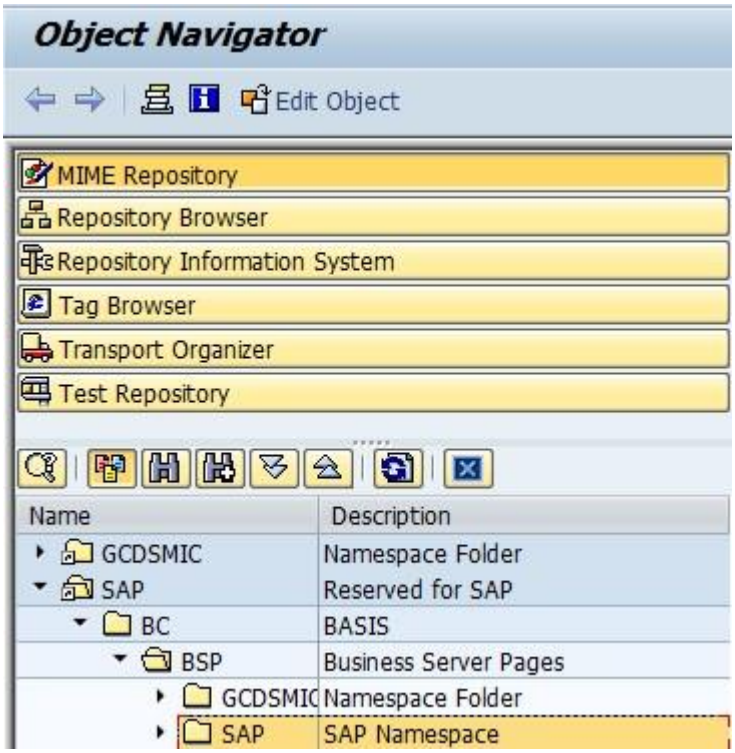
Click on the check box to activate the MIME Repository



In the Workbench, the Object Navigator should now show the MIME Repository. Click on it.



With the repositories expanded, navigate to SAP→BC→BSP→SAP

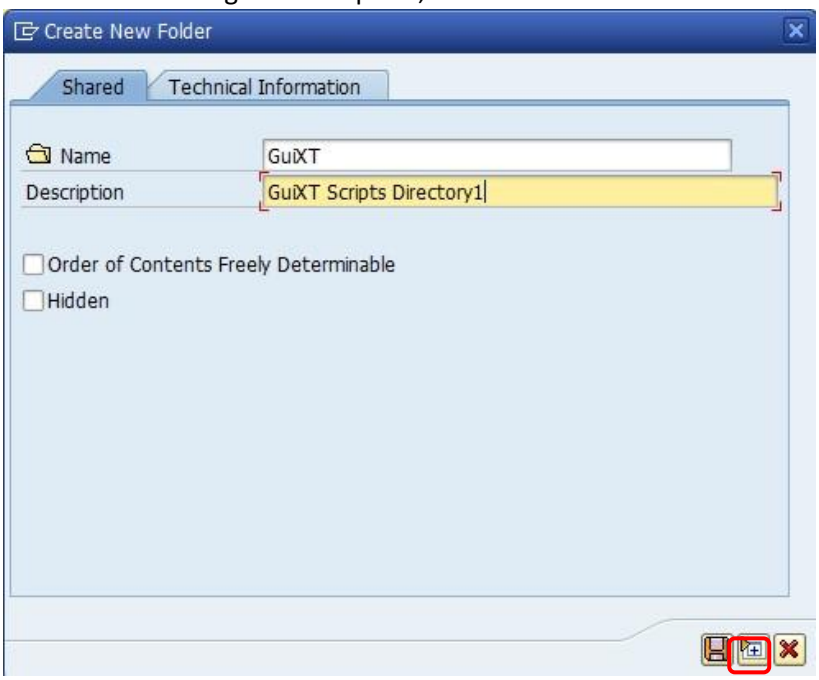


Right click on the SAP Folder and choose Create→Folder

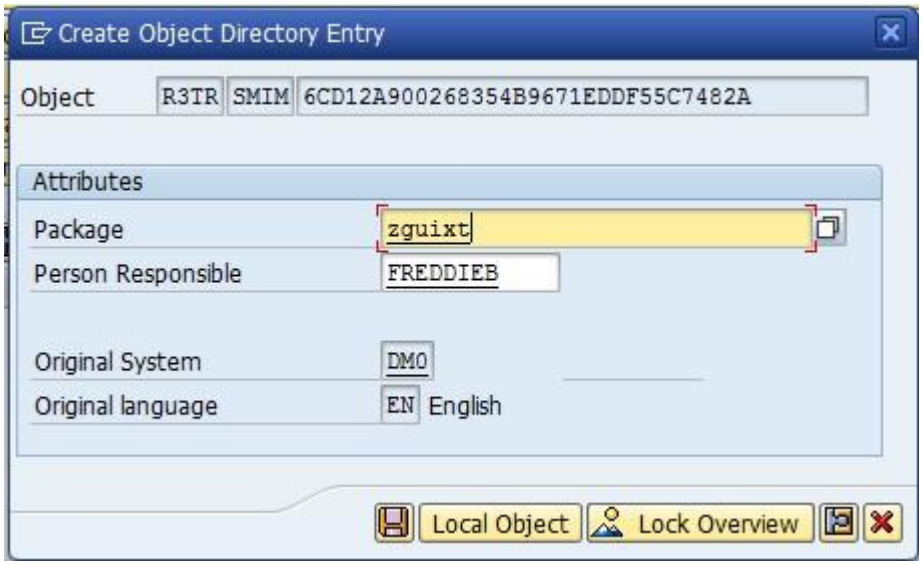


On the following screen, create a folder called "**GUIXT**". Please note that this is just an example. In practise, you would create the folder structure according to your own requirements.

Give the folder a logical description, and click on the save icon.



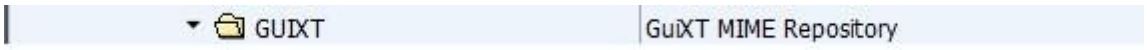
Assign the new MIME Repository that you are creating to a Development Package.



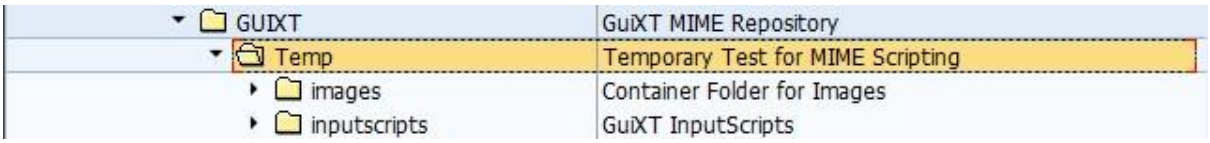
Create a new transport request for the MIME Repository that you just created.



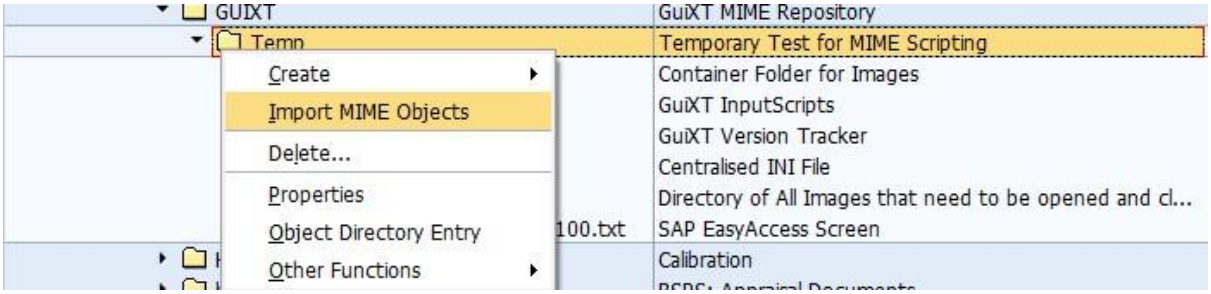
Your structure should now look like this



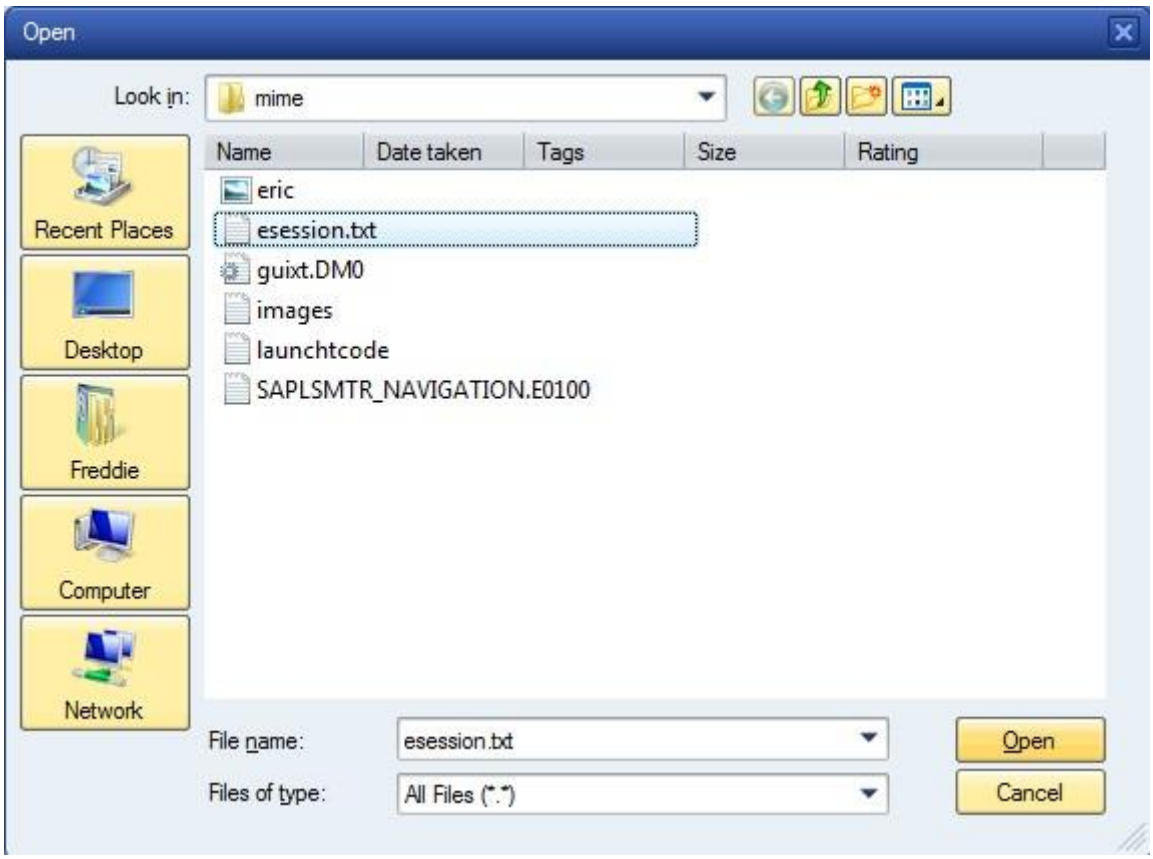
Repeat the steps as described, to create a structure that looks as follows



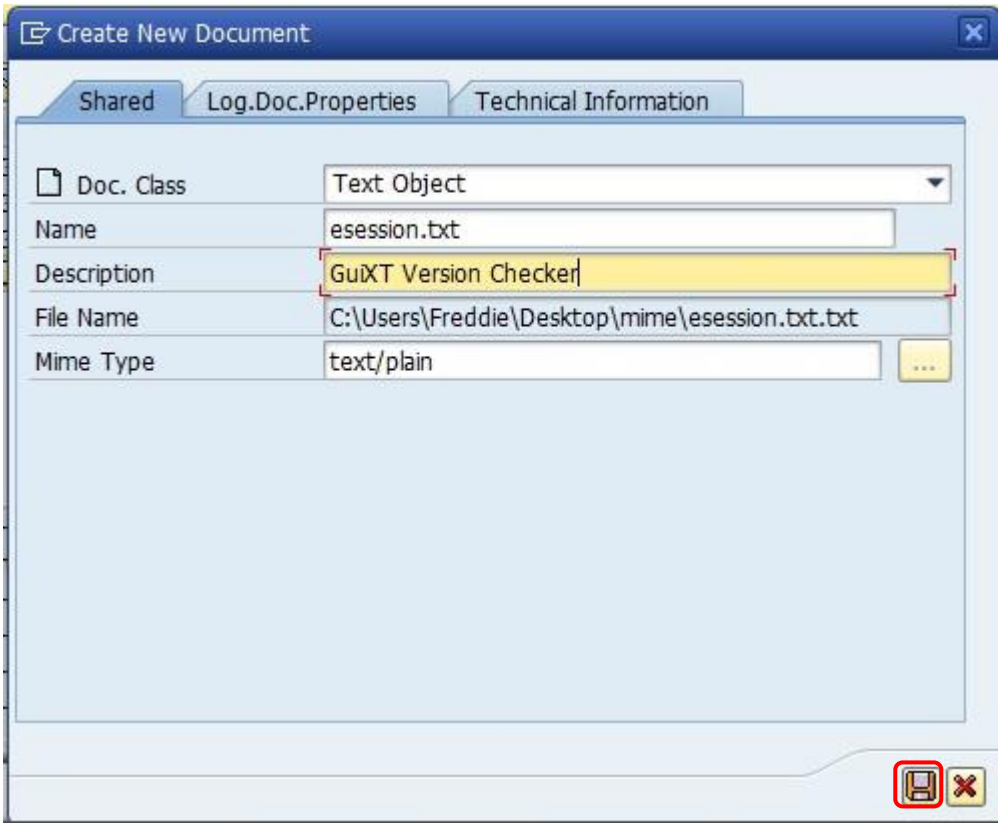
Now that you have a directory structure in your MIME Repository, we can upload the script files.
Right click on the "**Temp**" folder, and choose "**Import MIME Objects**"



In the browse dialog that appears, navigate to the directory where you saved the sample scripts too, and select the file "**esession.txt**"

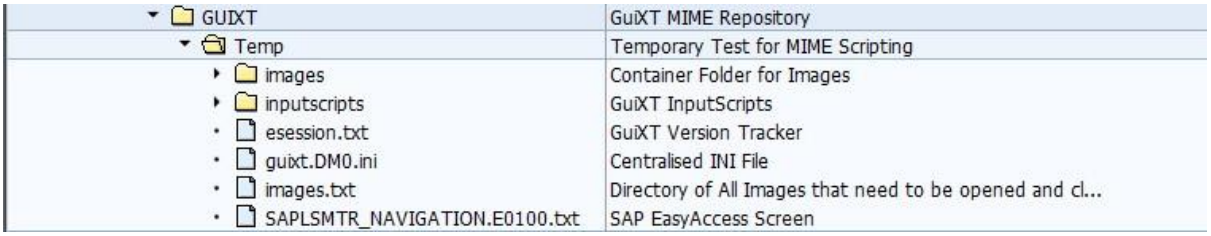


In the following SAP Dialog, give your file a description, and click on the save icon.



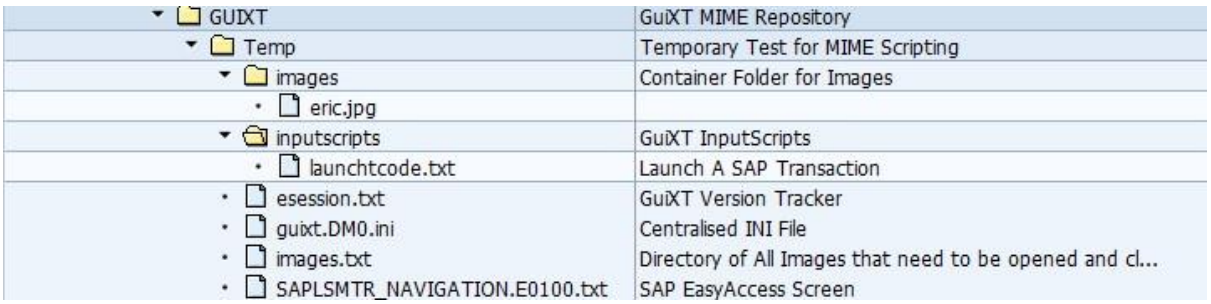
Repeat these steps to upload the files "**guixt.XXX.ini"**, **"images.txt"** and "**SAPLSMTR_NAVIGATION.E0100.txt"**

Your directory structure should now look like this



Now expand the images folder and upload the file "**eric.jpg**" into it, and then expand the inputscripts folder and upload the file "**launchtcode.txt**" into it.

Your folder structure now looks like this.

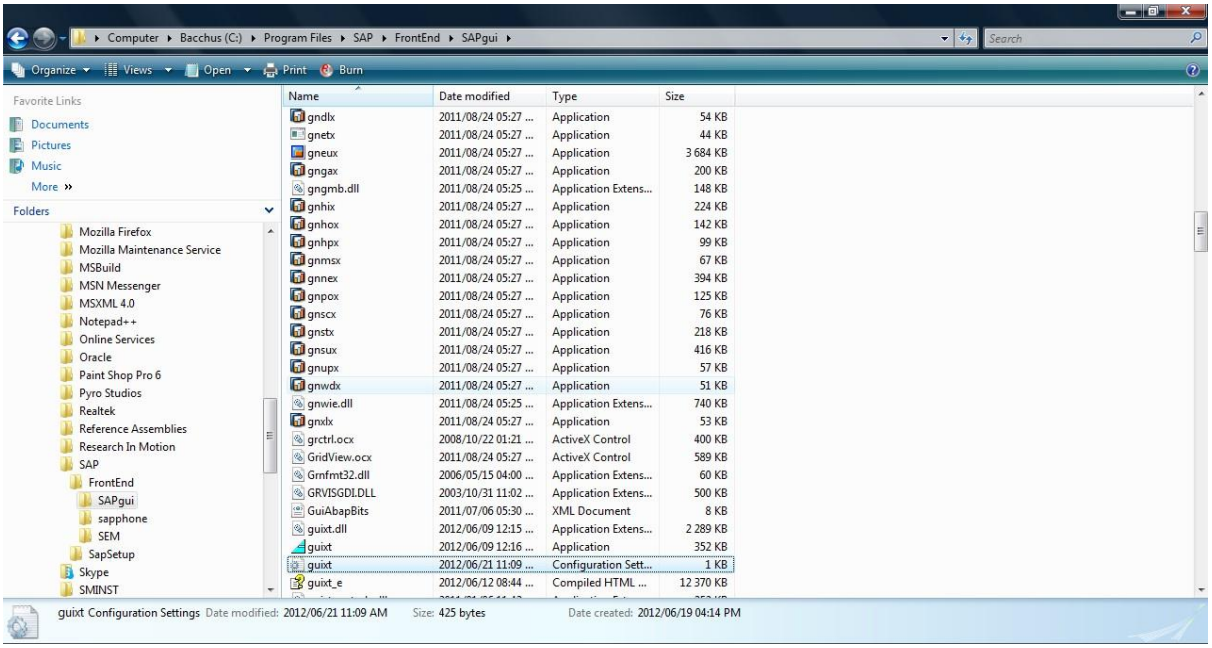


Overview of the files in detail

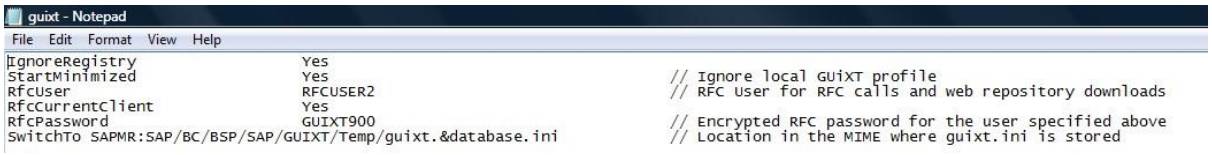
guixt.ini – In this example, we want to store the guixt.ini in the MIME Repository so that all users have the same ini file. It makes the management of the guixt.ini a lot easier.

To achieve this, we need to replace the local guixt.ini file on the user's computer, with a new one, that will point it to the ini file in the repository.

Navigate to your SAP installation directory, typically C:\Program Files\SAP\FrontEnd\SAPgui and replace the guixt.ini file with the one that you downloaded.



What does the new ini file do?



IgnoreRegistry – forces it to ignore the registry entry for the GuiXT profile, and instead, uses the file that you just replace.

StartMinimized – Starts the GuiXT window minimized

RFCUser – The username that will be used for RFC Calls to the System

RFCPassword – The password of the RFC User

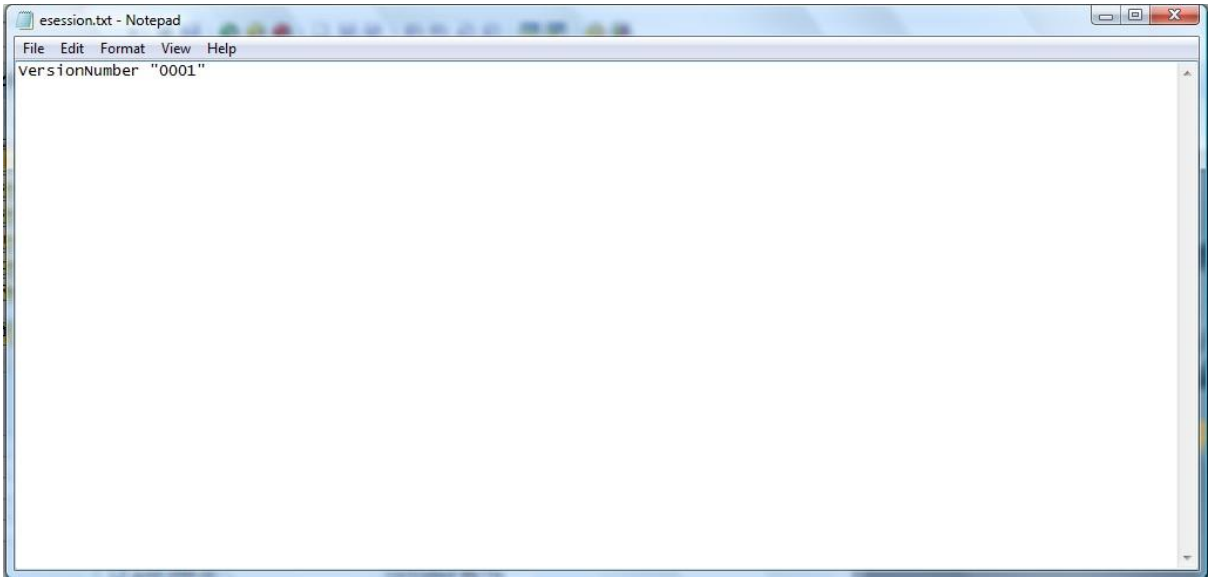
SwitchTo – Tells GuiXT to change to a ini file that resides in the MIME repository that we just created. The path is SAP/BC/BSP/SAP/GUIXT/Temp

Note that the name of the ini file is guixt.&database.ini When GuiXT looks for the ini file in the repository, &database will be the name of your SAP System ID, e.g. DM0, so the file in the MIME Repository will be called guixt.DM0.ini

esession.txt – The esession.txt file contains a command VersionNumber, which is used by GuiXT to determine whether it should download a new script from the MIME Repository, or that it should work with the cached version that was downloaded earlier.

Please refer to the command VersionNumber in the GuiXT Help documentation for more information on using the command.

In this example, we start at Version 0001.



SAPLSMTR_NAVIGATION.E0100 – This is our screen script, and you should be familiar with GuiXT Scripts at this point in time.

guixt.XXX.ini – This is our new guixt.ini file that we want to use. It is stored centrally, in the MIME repository, and any changes to the ini file will be applied to all users using GuiXT. By doing it this way you are able to easily manage any changes in your environment.

Please note, your file will be called guixt.XXX.ini where XXX = your SAP System ID.

Directory1 – This points to the MIME Repository that you created

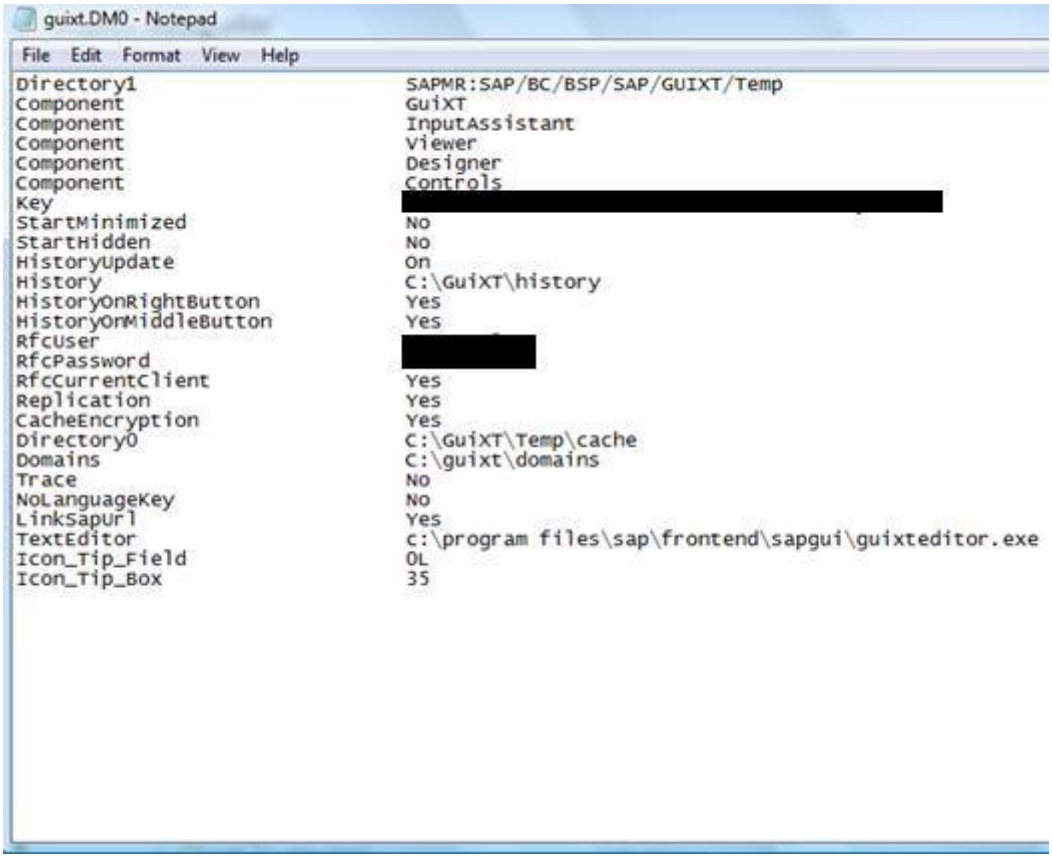
Directory0 – This points to the local directory on your computer, where the scripts are cached(downloaded) to. For this example, please make sure that you have created the folder structure **C:\GuiXT\Temp\cache**



RfcCurrentClient – This is used to determine if the scripts are downloaded via the current client that you are logged on to.

CacheEncryption – This is used to tell GuiXT whether the downloaded files should be encrypted or not

Replication – This is used in conjunction with the VersionNumber command to allow you to use version management on your scripts.



Log off of SAP and then log back in.