Uploading GuiXT Scripts into the SAP Web Repository

For a general overview, please read the following articles in the Synactive documentation:

http://www.synactive.com

- ➔ Support
- ➔ Documentation
- ➔ GuiXT
- ➔ **Scripts in the SAP Web Repository**

Direct link: http://synactive.com/docu_e/doc_sapwr.html

- ➔ Support
- ➔ Documentation
- ➔ GuiXT
- ➔ **Scripts in the SAP MIME Repository**

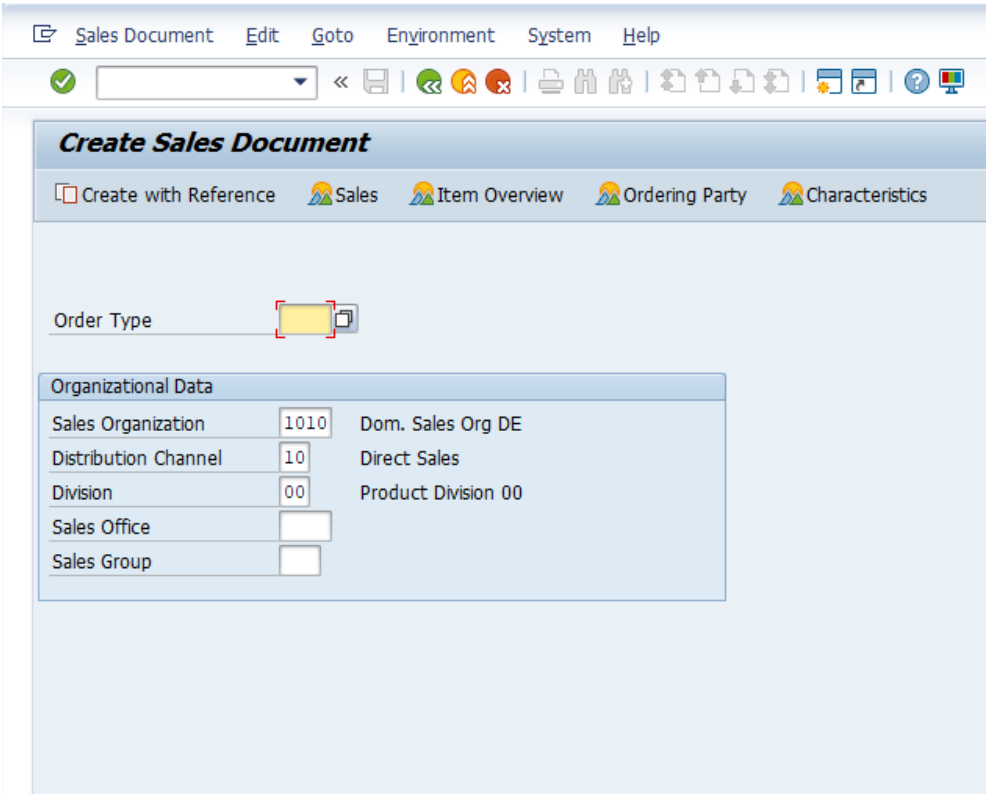
Direct link: http://synactive.com/docu_e/doc_sapmr.html

The "SAP Web Repository" transaction SMW0 is an older although well-established way to store the scripts centrally in the SAP database. For new GuiXT projects, the "MIME Repository" in transaction SE80 provides more comfort, for example a folder structure and mass import of scripts.

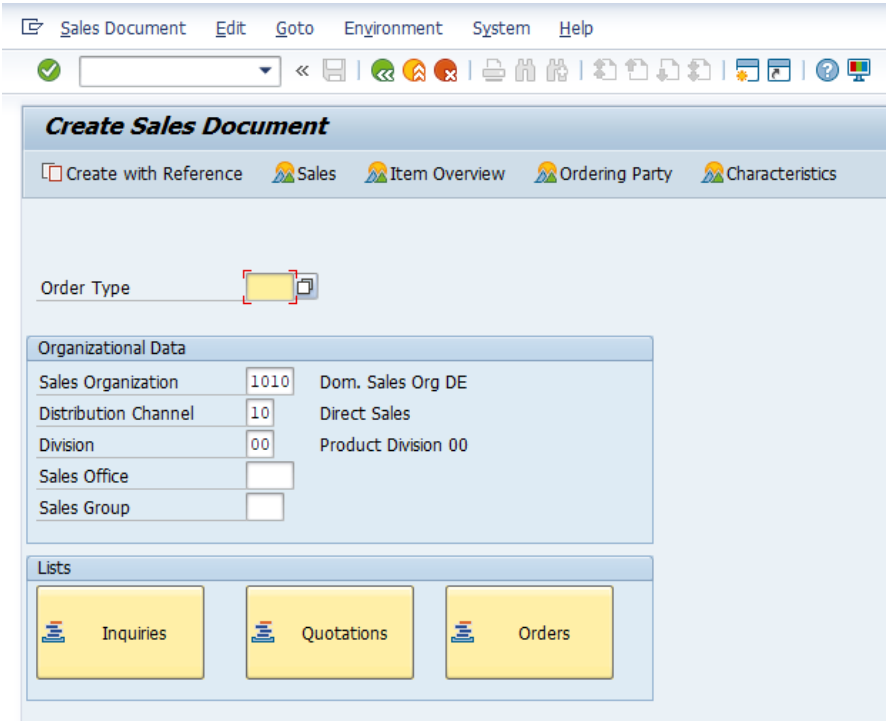
The SAP documentation for the "MIME Repository" can be found at https://help.sap.com/doc/saphelp_nwpi71/7.1/en-US/46/bb182fab4811d4968100a0c94260a5/frameset.htm

Step-by-step instruction for uploading a script to the Web Repository

We start from a GuiXT Script that we developed locally. For example, in transaction VA01:



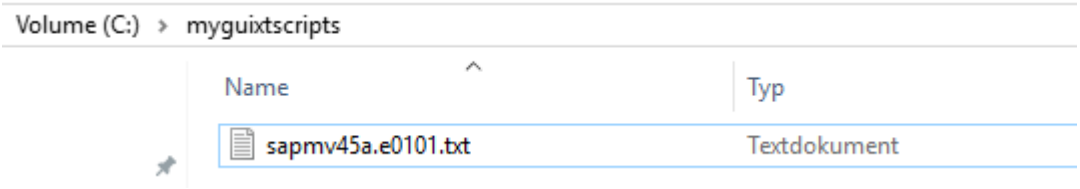
We added a couple of buttons with GuiXT:



The corresponding GuiXT script is

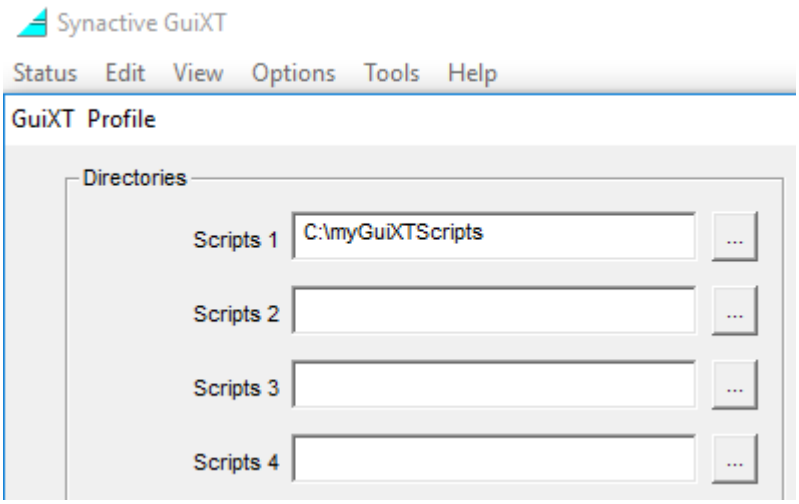
```
// add buttons to start list display
box (11,0) (15,61) "Lists"
pushbutton (12,01) "@3B\QListof Inquiries@Inquiries"    "/OVA15" size=(3,16)
pushbutton (12,22) "@3B\QListof Quotations@Quotations"  "/OVA25" size=(3,16)
pushbutton (12,42) "@3B\QListof Orders@Orders"          "/OVA05" size=(3,16)
```

The script is stored in a local file “sapmv45a.e0101.txt”. Here “sapmv45a” is the SAP program name, “e” the language code”, and “0101” the SAP dynpro number.

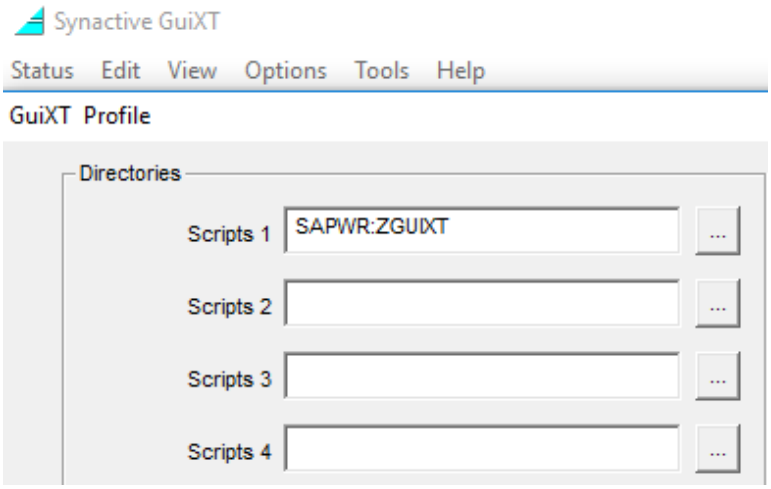


Loocal script in the file system on your PC

The folder “C:\myguixtscripts” is configured as script folder in GuiXT profile:



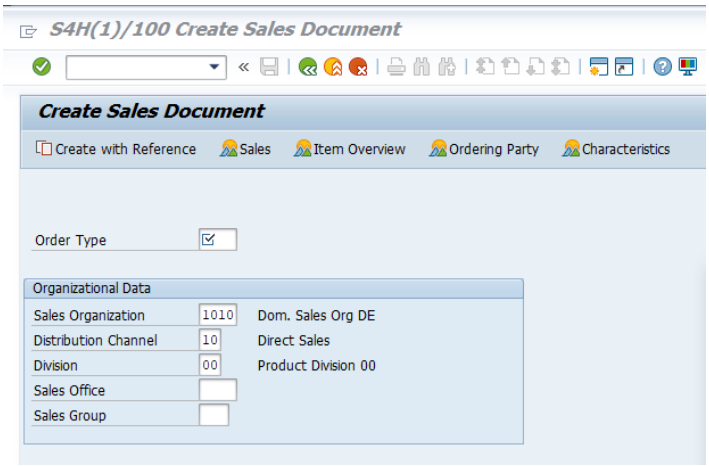
We now change the script folder to point to SAP Web Repository:



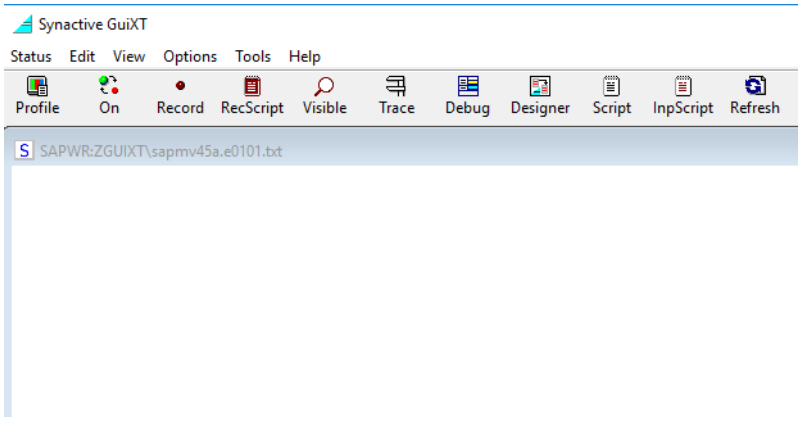
Here ZGUIXT is an arbitary name that is used as a prefix in SAP Web Reposiotry.

For the rollout to numerous users, this configuration should be stored in a central “guixt.ini” file which also can be put into SAP Web Repository.

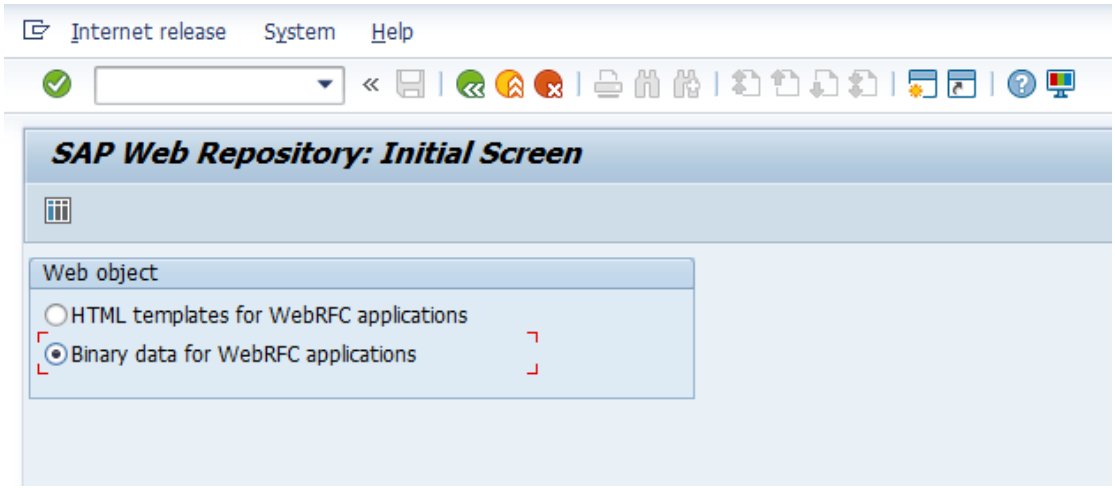
We logoff from SAP and logon again, so that the new GuiXT configuration becomes active. VA01 now is now shown in the standard layout again:



The GuiXT window shows the right path to the script in SAP Web Repository, but an empty script:

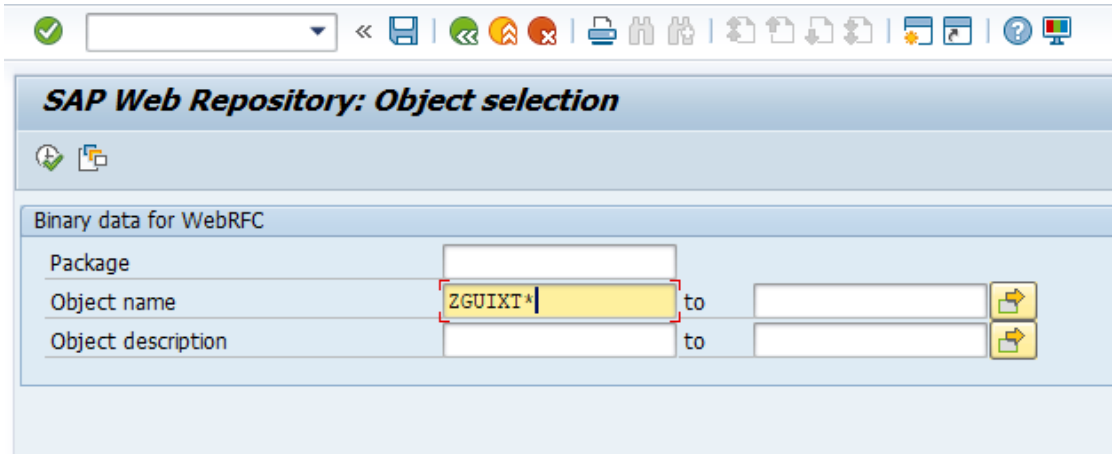


Now we import the local script to the Web Repository. Enter transaction code “/nSMW0” to start the Web Repository transaction:

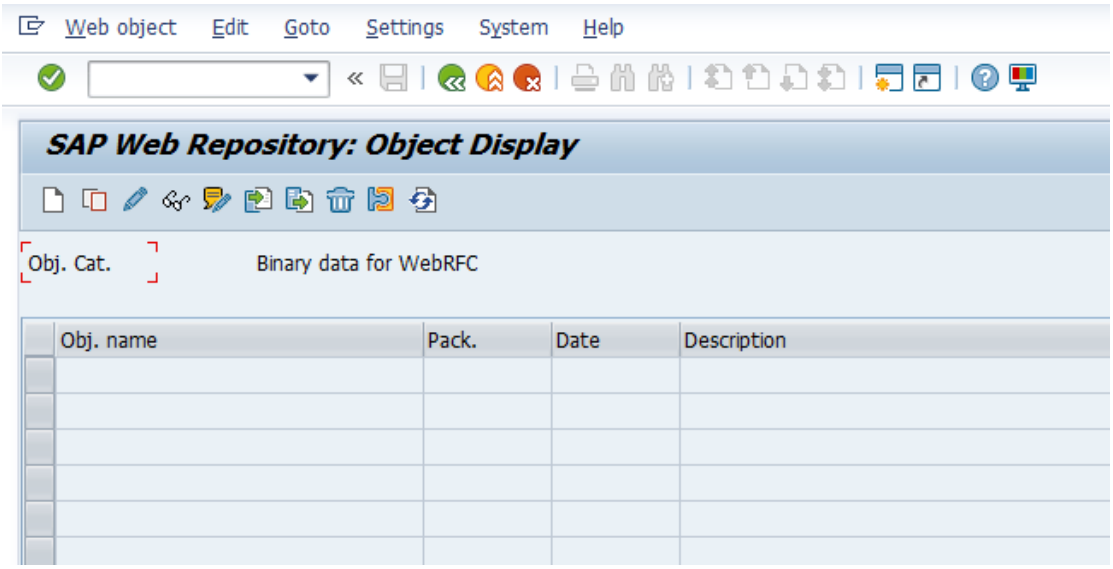


Tick the “Binary data…” radiobutton and press “Enter”.

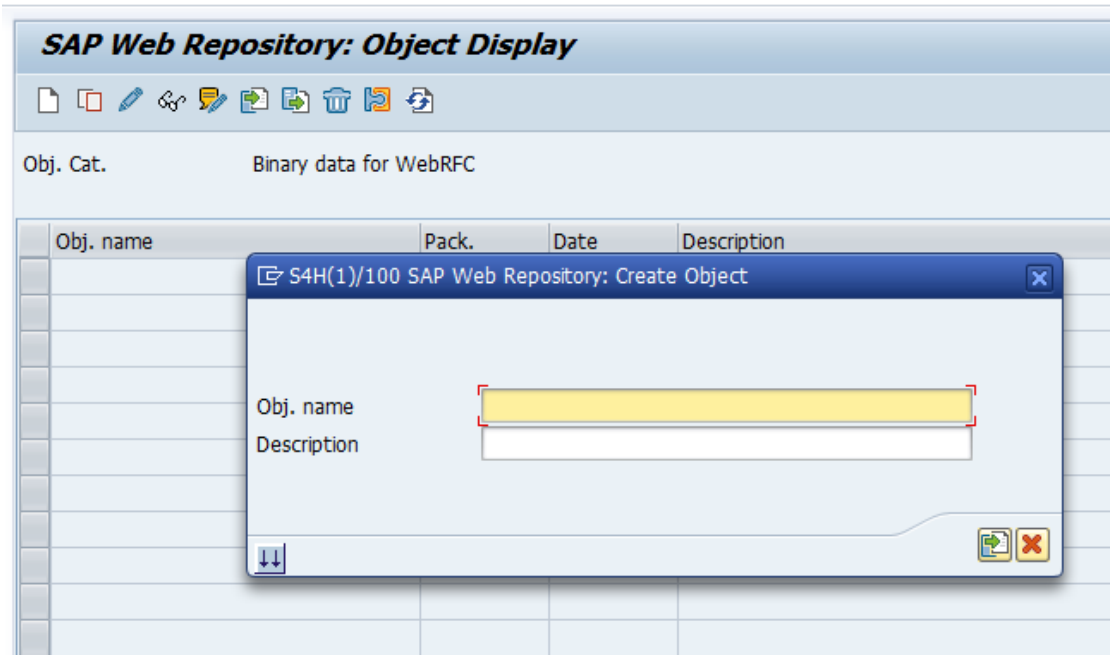
In the next screen, enter ZGUIXT* and press F8, to display all scripts starting with ZGUIXT:



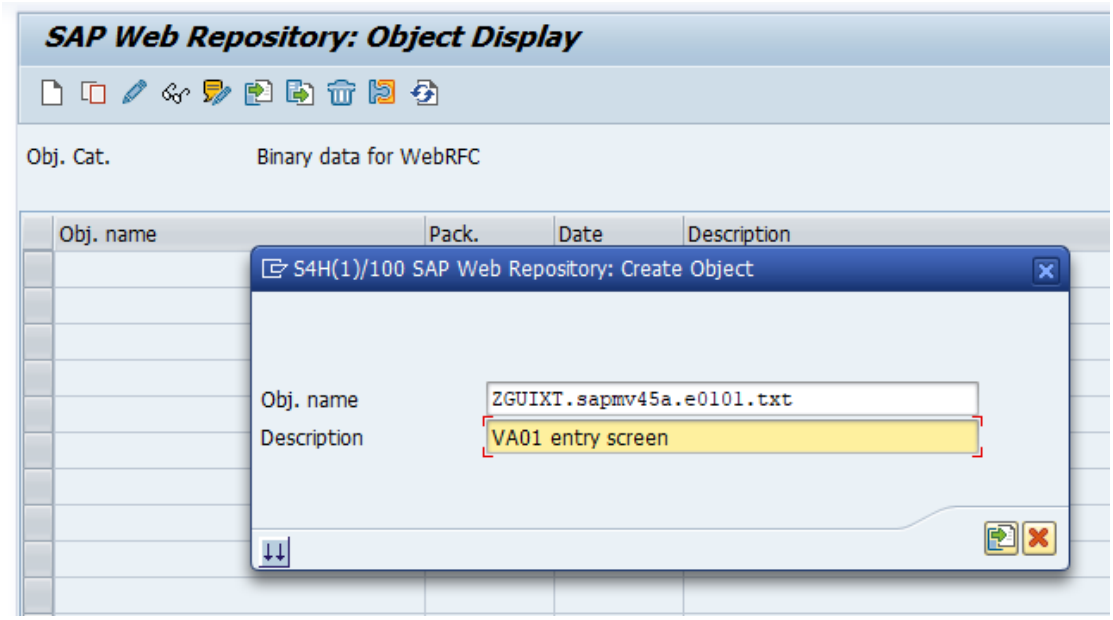
The list is empty:



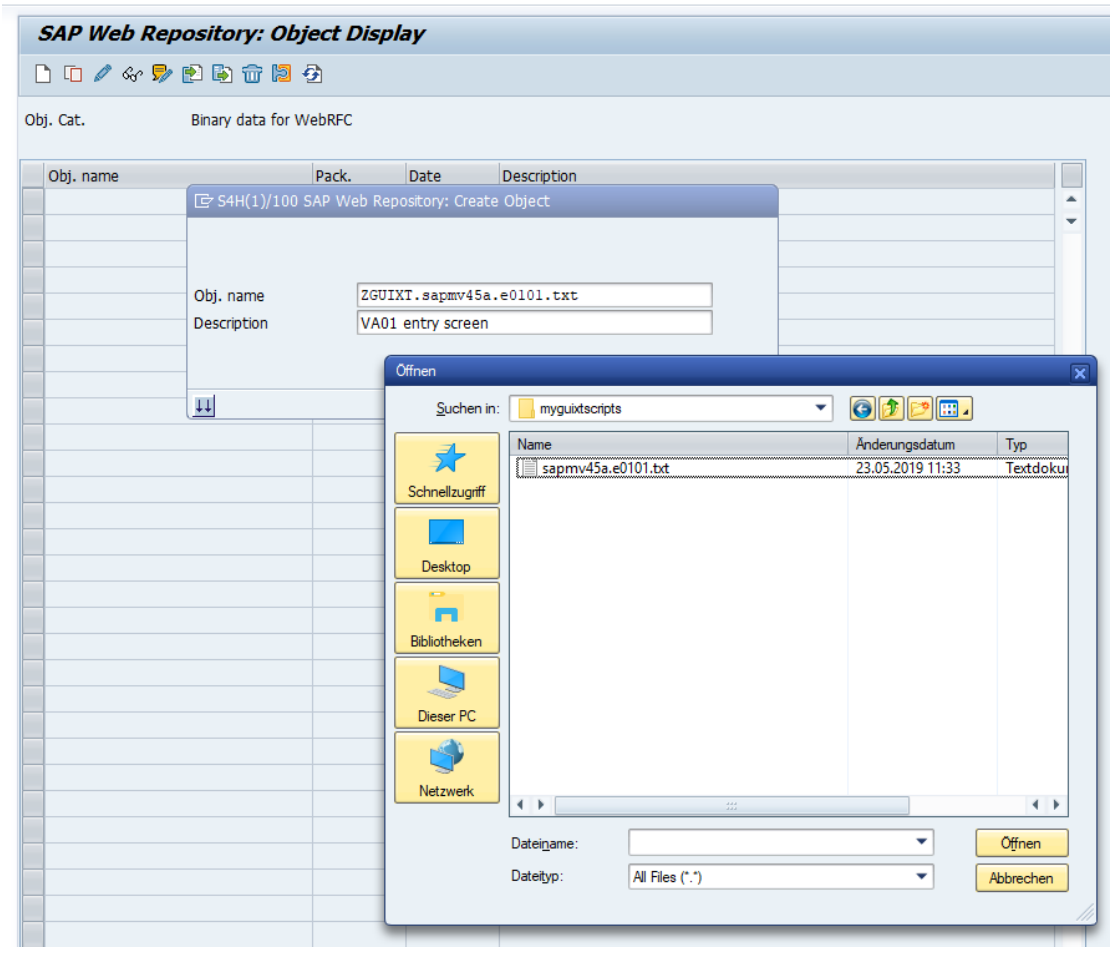
Click on the first toolbar button (or F5) to add a new file:



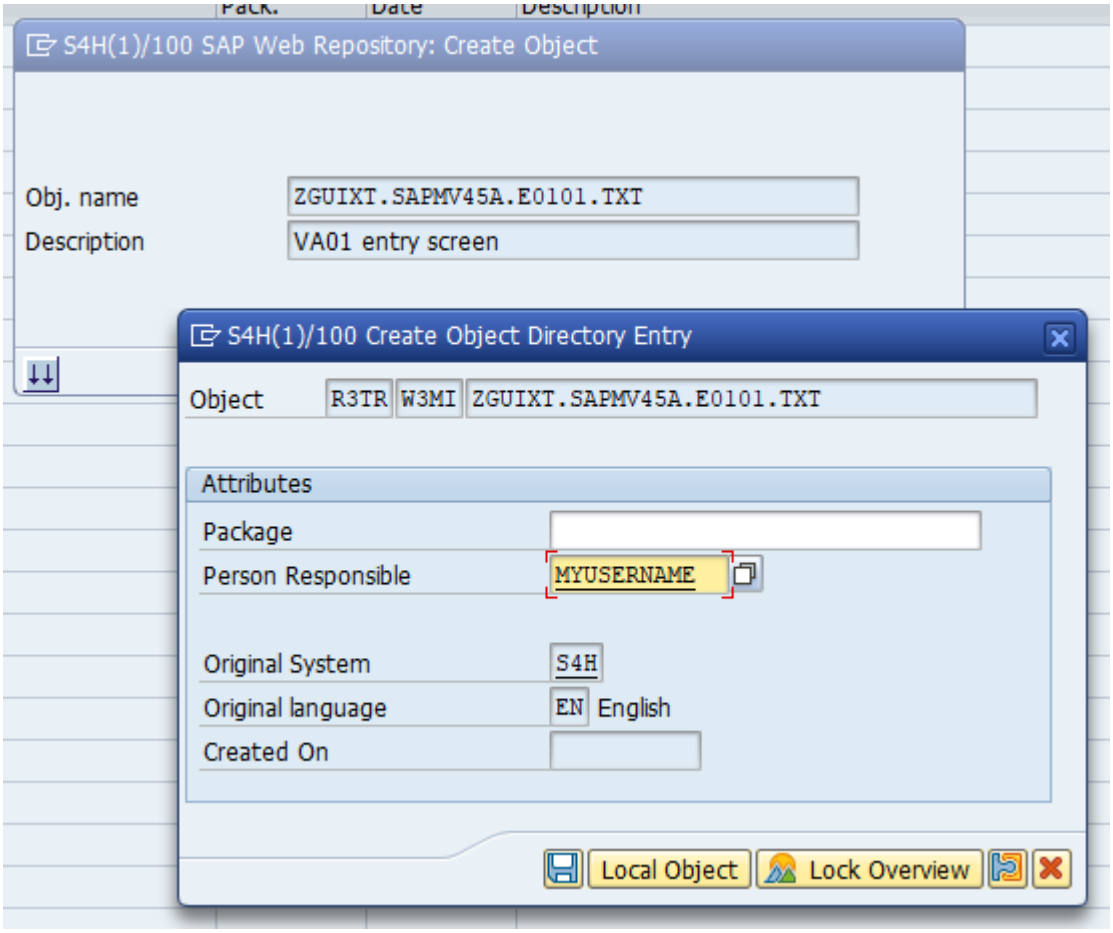
Enter the script file name ZGUIXT.sapmv45a.e0101.txt and press the “Import” button:



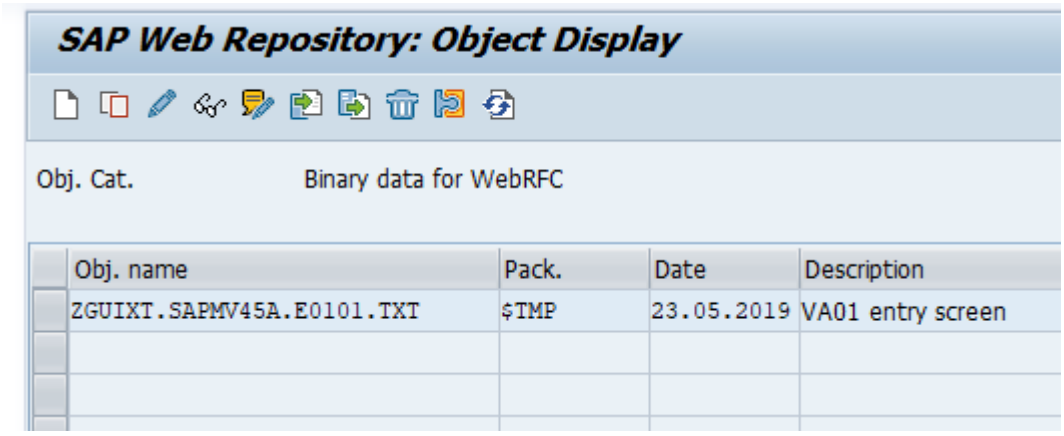
Now select your local GuiXT script:



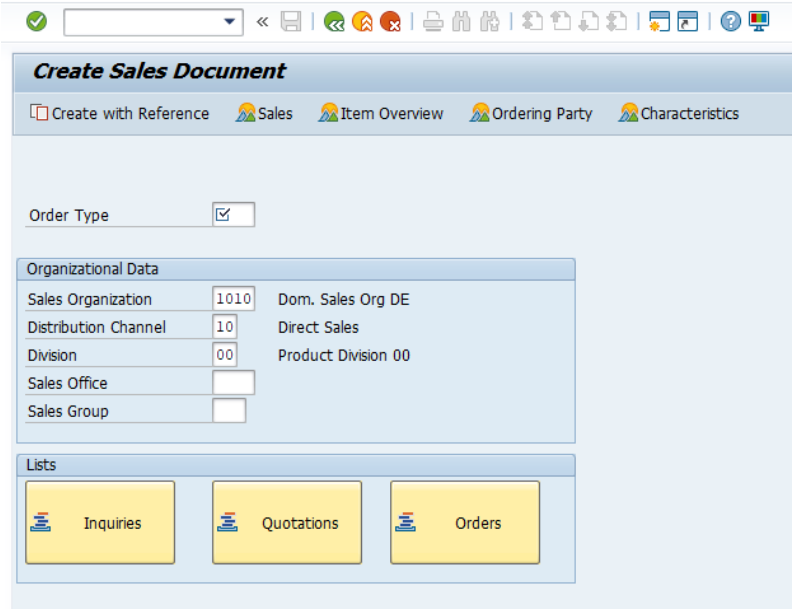
Choose an appropriate package if you want to transport the file later on to other SAP systems (typically, Development->Test->Production). Or declare it as local object if no transport is needed:



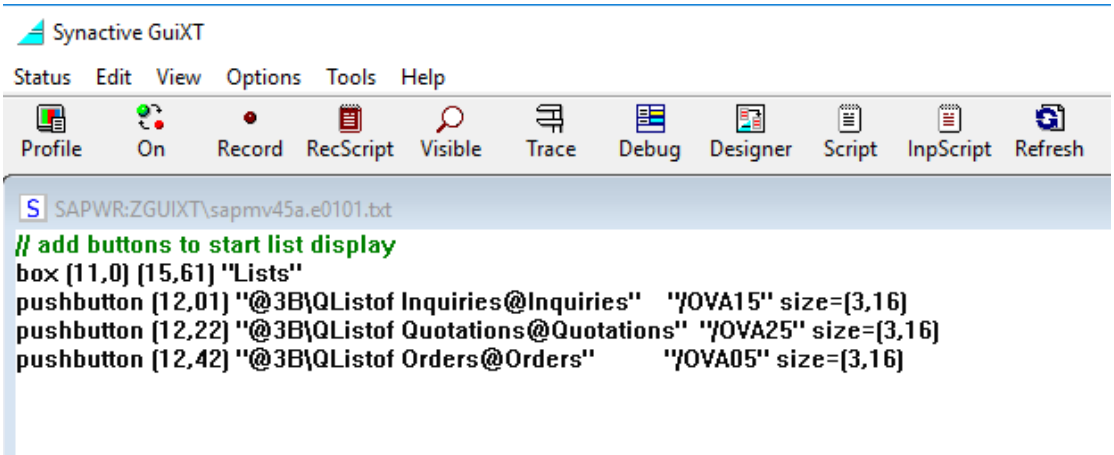
Save, and you now see that the file has been imported to the Web Repository:



You need to logoff and logon again, since GuiXT keeps the Web Repository objects in a local cache. Then you the new layout becomes active:

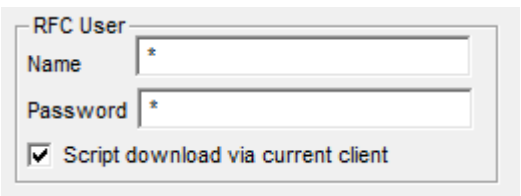


The GuiXT script window shows the script from Web Repository:



A couple of further remarks:

- It is necessary to put RFC user credentials into GuiXT profile, since the Web Repository is read via RFC (remote Function Call). You specify * if you want to execute the RFC with the current dialog user:



- For performance reasons, it makes sense to use a “VersionNumber” command in the GuiXT session script “esession.txt” (e=language code). See the documentation of the

"VersionNumber" command for new details. DO not forget to change the version number after importing new or changes scripts to Sap Web Repository.

- In a productive environment, the GuiXT window is normally to configured to be "hidden", since normal users do not need the development features.