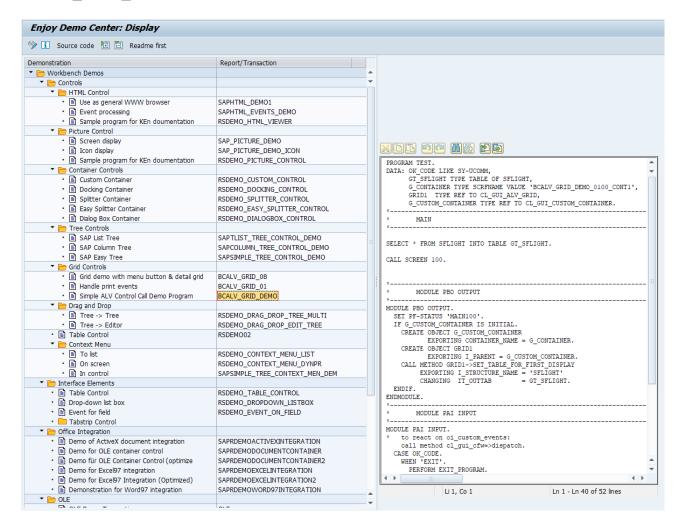
The "SAP RFC example" demonstrates the RFC connection with the SAP demo tables SCARR and SFLIGHT out of the SAP Flight Data Model.

The SAP original demo can be found in transaction DWDM as report BCALV\_GRID\_DEMO:



To execute the XOJO MBS example it is necessary:

- Your SAP user must have the authorization to execute remote function calls (RFC).
- You must create in your SAP system the function module ZXOJO GET SCARR
- You must create in your SAP system the function module ZXOJO GET SFLIGHT
- If your SAP demo tables are empty you can create the demo data in SAP transaction SE38 with the execution of report SAPBC DATA GENERATOR

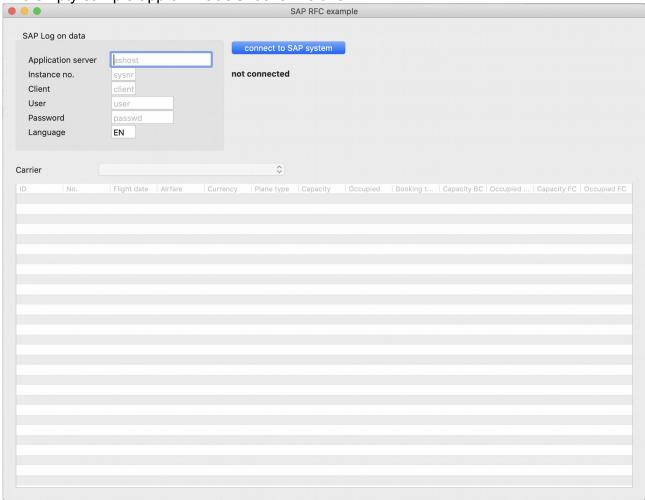
The function module ZXOJO\_GET\_SCARR for the determination of carriers fills the PopUp "Carrier". The function module has only as export parameter the table ET\_SCARR for the carrier data:

The function module ZXOJO\_GET\_SFLIGHT for receiving the flight data fills the ListBox with data of the selected carrier. The function module has the import parameter IV\_CARRIER (the selected carrier), the export parameter ET\_SFLIGHT (table with flight data of the selected carrier) and ES MESSAGE (structure with message data):

```
FUNCTION ZXOJO GET SFLIGHT.
*"*"Lokale Schnittstelle:
*" IMPORTING
   VALUE(IV CARRID) TYPE S CARR ID
*" EXPORTING
   VALUE(ET_SFLIGHT) TYPE FLIGHTTAB
     VALUE(ES MESSAGE) TYPE BAPIRET2
*"______
clear: et sflight[], es message.
 Select * from Sflight into table et sflight
where carrid = iv carrid.
* Messages are normally into a message class or into a text symbol.
* But this is sample is simple and should be closed.
if sy-subrc <> 0.
 case sy-langu.
  when 'D'. "deutsch
   concatenate 'Keine Flüge zur Fluggesellschaft ' iV Carrid ' gefunden'
   into es message-message respecting blanks.
  when 'E'. "english
   concatenate 'No flights found for airline ' iv carrid
   into es message-message respecting blanks.
 endcase.
endif.
```

ENDFUNCTION.

The empty sample app on macOS looks like this:



You can get the logon data out of your SAP Logon:

the application server is normally an IP address

e.g. 192.168.1.1

the instance number

e.g. 10

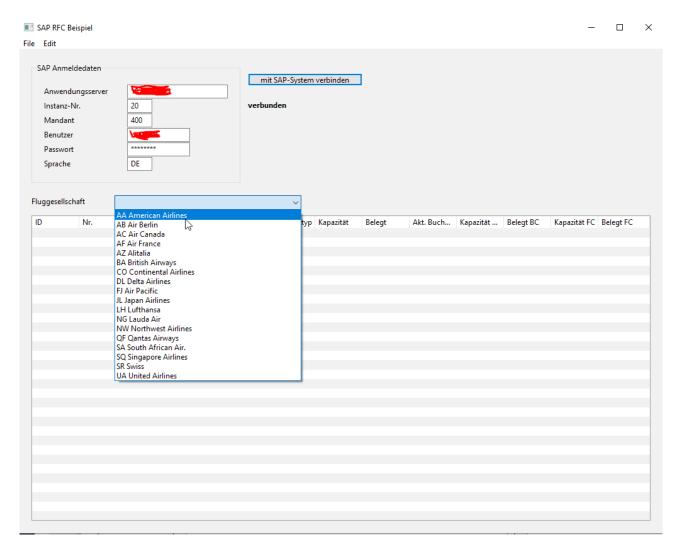
· the client number

e.g. 100

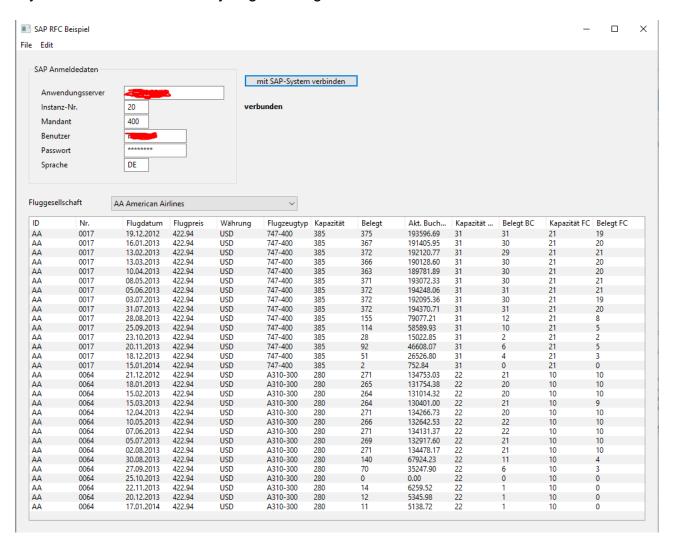
- the name of your SAP user
- the password of your SAP user
- the SAP logon language

The example uses the logon language to build the data format into the ListBox for the flight date. The sample has only for language EN the format MM-DD-YYYY and for others only DD.MM.YYYY.

With the login data you can push the button "connect to SAP system" or press <ENTER> and you will get a filled popup – here with the windows app and in German:



## If you select the carrier "AA" you get the flight data:



## Libraries

Please download nwrfc750P\_5-70002755.zip from SAP to get the Windows DLLs in the lib folder inside the archive.

For MacOS download nwrfc750P 5-80002761.zip from SAP.

You may need The Unarchiver app from the App store to expand them as the built-in tool in MacOS may not work.

Please correct the paths in the build script steps to copy the DLL/dylib files into the right folder.

