

SAP PRESS

SAP
for Utilities

SAP Bank Directory

POWERED BY SAP HANA

SAP S/4 HANA

**A Business and Technical
Roadmap to Deploying SAP**

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INTRODUCTION

Welcome to the fascinating world of SAP. This book helps you crack the tricks of mastering SAP HANA Customization

Bank Directory

In the following activities, you make the settings for the bank directory.

Bank Directory Data Transfer

In the following activities, you make the settings for bank directory data transfer.

Transfer Bank Directory Data - International

In this step, you use the report program RFBVBIC2 to transfer bank master data from a file that uses the format of the BICplusIBAN directory (www.swift.com). You can also run this function directly using the BIC2 transaction.

The BIC2 transaction replaces the BIC transaction.

Further notes

For more information, see the documentation for Transaction BIC2.

Transfer Bank Directory Data - Country-Specific

In this activity, you transfer bank master data from an ASCII file to the R/3 System using report program RFBVALL_0.

This is currently possible for the following countries:
Austria, Germany, Spain, Italy, Canada, Great Britain, South Africa, Switzerland, Denmark.

You can also use the program to import further file formats for other countries. For information on how to define further formats, see the Documentation for Report Program RFBVALL_0.

Activities

Transfer the bank master data, taking into account the peculiarities of the individual country-specific formats described in the program documentation. For more information, see the Documentation for Report Program RFBVALL_0.

Additional Information

When the bank master data is transferred, some house bank data is transferred at the same time, such as the bank key, the bank country, the name of the bank or the bank number. You can then add the remaining missing house bank data in the activity Define House Banks.

You can find the addresses for obtaining an overall bank number file in the relevant country in OSS in note number 0132012.

Define File Formats for Country-Specific Bank Directories

You can use report program RFBVALL_0 to transfer bank directories from different countries. The file that is imported by the program must have a certain format for each country. The report documentation contains the formats that are supported by SAP. The program can also import further formats. In this activity you define additional formats.

Requirements

Define new formats as follows:

1. Copy the sample function module FILL_BNKA_FIELDS_SAMPLE. Do not change the interface of the copied module.

You must not change the function module FILL_BNKA_FIELDS_SAMPLE.

2. Enter your own statements in the copied function module. The coding of the module contains more details on the objects that are necessary for the main program RFBVALL_0. You should also refer to the documentation for function module FILL_BNKA_FIELDS_SAMPLE.
3. Save and activate your function module.

Activities

Define the new formats.

Develop Enhancements for Bank Directory

The following SAP enhancement is available in the "Copy bank directory" area:

- RFBVX001 function module exit for copying the Austrian bank directory for report program RFBVAT_0 for report program RFBVALL_0, format AT1

Activities

1. Create your enhancement. To do this, either create a new project or use an existing one. Modify the source code for a transaction delivered by SAP by adding the elements you need. SAP provides you with the necessary function modules with short text, interface, and documentation to be able to do this. A sample source code created by SAP may exist for user exits which can be copied (and changed) if required.
2. Activate the project.
This allows the ABAP source code to run. Enhancements will not have any effect beforehand.

Further notes

In contrast to modifications, enhancements can generally be transferred between Releases since they are carried out within a name range reserved for the customer rather than in the SAP original.

For more information about creating enhancements, see the SAP Library BC - Changing the SAP Standard.

Every enhancement is documented. To call up the documentation, choose *Utilities -> Display req.docu* from the project management screen for SAP enhancements.

Delete Bank Master Data

In this step you delete the bank master data you copied for testing purposes, for example, when testing the batch input for customer and vendor master data.

Requirements

There must be no productive company code in the bank country.

Activities Delete your bank master data.

Additional information

For more information, see the documentation on program SAPF023.

Change Message Control

In this activity you can set system messages to appear in a way that meets your requirements.

You can:

- determine whether a message is displayed as a note in a dialog box or in the footer
- change warnings to error messages
- switch off warnings and error messages

Different specifications can be made for the dialog mode and background processing.

The relevant specifications can be made for a client, and also for individual users, if necessary.

You enter the following application areas for the bank master data:

- **AR**
- **BF00**

Activities

1. Choose an application area.
2. Choose *Edit -> New entries*
3. Enter the following data:
 - Message number
You can use the possible entries function for the *MsgNr* field to see which messages can be chosen.
 - User's name
If you enter a name in this field, the specifications are only valid for that particular user. If the field is left blank, the settings apply for all users in the client.
 - Message type
You can find the allowed message types under possible entries for the fields *Online* or *Batchl*.
 - Save your entries. The relevant message text is automatically used.

Distribution of Banks

In this section you make the setting for the distribution of the bank master data and the banks.

Make Settings for Distributing Bank Master Data

In these activities, you make the settings for distributing bank master data.

These settings are necessary if you wish to process bank master data and the related company addresses in any of the systems of an SAP system group.

The ALE business process allows for all changes to bank master data to be made via a consolidation system. The local systems send all the changes to the consolidation system, and the consolidation system sends the changes back to all the local systems. The banks can also be processed in the consolidation system.

The address from the central address management is distributed together with the bank. The address data from central address management must be processed before the banks in the target system.

Note

You can only distribute the bank master data of banks whose bank keys have been set by the bank number or external assignment.

Requirements

You have set up the same country-specific checks in all systems. You do this in Customizing under *General Settings* -> *Set Countries* -> *Set Country-Specific Checks*.

Activities

Determine a system in which you can make all cross-system settings, if possible.

Carry out the following activities:

1. Logical Systems
Define all systems that are involved in the distribution.
2. Maintain Distribution Model
In this activity you make your entries via *Add BAPI*:
You copy the following additional data from the local system to the consolidation system:
 - Object name: Bank
 - Method: Create Method: Change
 - Object name: AdressOrg
 - Method: SaveReplicaYou copy the following additional data from the consolidation system to all other systems:
 - Object name: Bank

- Method: SaveReplica
 - Object name: AdressOrg
 - Method: SaveReplica
3. Generate Partner Profiles
Determine the point at which the data should be exchanged between the systems.
 4. Specify **one** consolidation system.
If you do not enter a consolidation system, or you enter more than one, the banks are not distributed, they are only saved locally.

Distribute Banks

In this step you can distribute the banks you created in one of the systems of a system group to the other systems.

Further notes

For more information on this subject, refer to the documentation on report RFBANK_ALE.

Payment Cards

Basic Settings

Assign Checking Rule

In this activity you maintain checking rules for payment card types.

Standard settings

The following check rules are supplied by SAP:

- 0001 -
- 0002 -
- 0003 -
- 0004

Activities

If you define new card types, you can define new rules here.

Further notes

These rules are used for entering the payment card number.

In order to avoid possible errors when you make entries, the checking rules allows you to check, whether certain conditions of the relevant payment card types are met.

Maintain Payment Card Type

In this activity you maintain payment card types.

Standard settings

The following payment card types are supplied by SAP:

- 0001 -
- 0002 -
- 0003 -
- 0004

Activities

If necessary, define new payment card types and assign the defined check rules to the payment card types.

To ensure that a payment card is not ambiguous, you should define only one payment card type per credit card institution.

Note

In addition, the function *encryption* is available in CRM. This field is available in ERP systems if you have set the appropriate security level for administering payment card information. For current information about the options in ERP systems, see Note 103288.

Using the indicator, *encryption*, you can control whether external encryption should be used for a payment card .

If you have set this indicator, external encryption is called up when you create payment cards.

You need an external security product for the encryption of the payment card type and payment card number. If, for example, you have not installed an external product, encryption cannot be carried out. In this case, the data is saved without being encrypted.

Assign Payment Card Category to Payment Card Type

In this activity, you assign payment card categories to payment card types.

Entries have been supplied by SAP for the following payment card types:

- 0001 -
- 0002 -

0003 -
0004

Activities

This payment card category is the payment card category for controlling the payment card master.

Define the payment card category in the area menu **PACA**, under *Control -> Payment Cards -> BDT: Payment Card Categories*.

Select the payment card categories defined in the control using the input help.

Maintain Payment Card Category

In this activity you maintain payment card categories.

Standard settings

The following payment card categories are supplied by SAP:

- 01

Maintain Payment Card Blocks

In this activity you maintain payment card locks.

- 01

Standard settings

The following payment card locks are supplied by SAP:

Make Security Settings for Payment Cards

Use

In this activity, you make settings for encryption, masking, and access logs for payment cards.

Note

If you are using SAP CRM, then it is mandatory that you set the security level *Masked Display, and Encrypted When Saved*.

Requirements

For the payment card types that you want to save in encrypted form, set the encryption indicator under *Cross-Application Components -> Payment Cards -> Basic Settings -> Maintain Payment Card Type*.

Field Groupings

Field Grouping per Activity

Use

In this activity you can determine for the activities

- Create
- Change
- Display

whether the relevant field groups should be shown or hidden, or whether the corresponding fields are optional or required entry fields.

To do this, select an activity and choose *Field Grouping*. Make the required choice for the relevant field group in the overview.

Field Grouping per Payment Card Category

Use

In this activity you can determine for the payment card category whether the relevant field groups should be shown or hidden, or whether the corresponding fields are optional or required entry fields.

To do this, select the payment card category and choose *Field Grouping*. Make the required choice for the relevant field group in the overview.

Field Grouping Client-Wide

Use

In this activity you can determine whether the relevant field groups should be shown or hidden in the current client, or whether the corresponding fields are optional or required entry fields. To do this, select the required transaction and choose *Field Grouping*. Make the required choice for the relevant field group in the overview.

