

BAAN ERP

**Conversion Guide of DEM models from
BAAN IV to BAAN ERP**

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Conversion Guide of DEM models from BAAN IV to BAAN ERP
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About this document

This document is a manual for the conversion of DEM models from BAAN IV to BAAN ERP. It contains instructions on how to fill the conversion tables and how to execute the conversion of BAAN IV sessions to BAAN ERP sessions.

1 Introduction

The business processes, utilities and wizards in BAAN IV can be reused in BAAN ERP by migrating the models from BAAN IV to BAAN ERP. The business processes, utilities and wizards can, however, refer to sessions which are not present in BAAN ERP or differ qua coding and functionality. Therefore, the BAAN IV sessions have to be converted to BAAN ERP sessions. To support the conversion of BAAN IV sessions to BAAN ERP sessions, a relation between BAAN IV sessions and BAAN ERP sessions has to be made.

This document is a manual for the conversion of DEM models from BAAN IV to BAAN ERP. Chapter 2 to 4 contains the instructions on how to fill the conversion tables. In these chapters the preliminary actions are described which have to be executed before the actual conversion can be done. Chapter 5 contains information how to execute the conversion of BAAN IV sessions to BAAN ERP sessions. Chapter 6 explains how the conversion data can be imported or exported from the BAAN system.

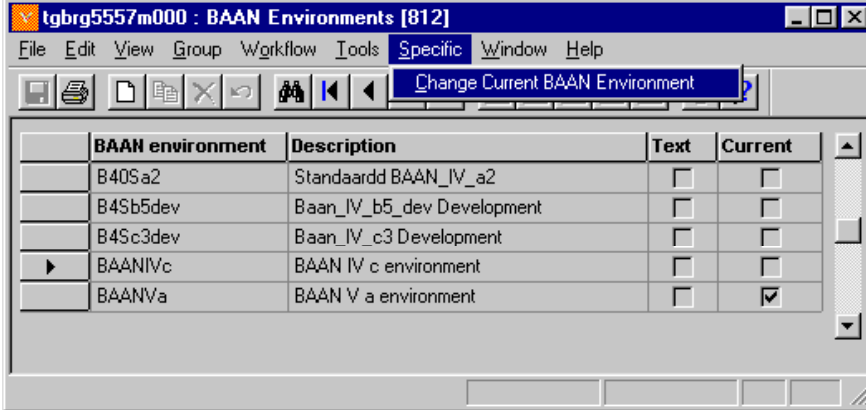
The sessions needed to execute the conversion can be found in the menu browser in the menu:

- BAAN ERP Enterprise Modeler/ Master Data/ Miscellaneous/ Convert Sessions in Business Models.

2 BAAN environments

A BAAN environment can be compared with a BAAN release, for example BVa, BIVa, BIVb and BIVc. It is used to make a difference between sessions of different BAAN releases. By using the BAAN Environments (tgbrg5557m000) session, the several possible environments can be maintained.

The current BAAN environment (the last column in figure 1) indicates in which BAAN environment the user is currently working. A BAAN environment can be set to the current BAAN environment by using the Change Current BAAN Environment (tgbrg0101s000) session.



The screenshot shows a window titled 'tgbrg5557m000 : BAAN Environments [812]'. The window has a menu bar with 'File', 'Edit', 'View', 'Group', 'Workflow', 'Tools', 'Specific', 'Window', and 'Help'. Below the menu bar is a toolbar with various icons, including a 'Change Current BAAN Environment' button. The main area of the window contains a table with the following data:

BAAN environment	Description	Text	Current
B40Sa2	Standaard BAAN_IV_a2	<input type="checkbox"/>	<input type="checkbox"/>
B4Sb5dev	Baan_IV_b5_dev Development	<input type="checkbox"/>	<input type="checkbox"/>
B4Sc3dev	Baan_IV_c3 Development	<input type="checkbox"/>	<input type="checkbox"/>
▶ BAANIVc	BAAN IV c environment	<input type="checkbox"/>	<input type="checkbox"/>
BAANVa	BAAN V a environment	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Figure 1

3 Session codes by BAAN environment

To be able to execute a conversion between two BAAN environments, the sessions of both BAAN environments have to be accessible. The sessions of the current BAAN environment can be obtained by using the Sessions (ttadv200) table. Sessions from other BAAN environments can be imported and stored in the Session Codes by BAAN Environment (tgbg555) table. The stored information contains the session code, its description, and its BAAN environment.

By using the Export Session Codes to BAAN ERP session (tgbg5255m000 in BAAN IV), BAAN generates a dump file with the session codes and description from the current package combination in BAAN IV, see Figure 2. This dump file can be imported into BAAN ERP by using the Import Version Dump (tgbg1245m000 in BAAN ERP) session. After import, the new environment is inserted in the BAAN Environments (tgbg557) table and the Session Codes by BAAN environment (tgbg555) table is filled with BAAN IV's session codes.

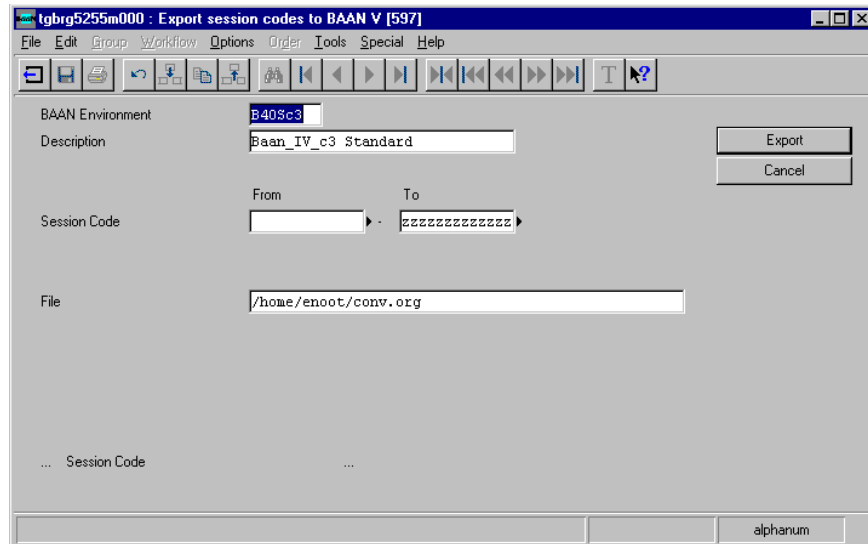


Figure 2

With the Session Codes by BAAN Environment (tgbg5555m000) session, see Figure 3 and Figure 4, the session codes that are not in the current BAAN environment can be maintained. The session codes that are within the current BAAN environment can be maintained by using Sessions (ttadv2500m000).

BAAN environment	Session	Description
BAANIVc	tgbg1100m000	Maintain Versions
BAANIVc	tgbg1110m000	Maintain Current Version by User
BAANIVc	tgbg1110s000	Change Current Version
BAANIVc	tgbg1120m000	Maintain Display Identifications
BAANIVc	tgbg1140m000	Maintain User Authorization for all Versions
BAANIVc	tgbg1150m000	Maintain Version Authorization by User
BAANIVc	tgbg1155m000	Maintain User Authorization by Version
BAANIVc	tgbg1160m000	Change Password for Version Authorizations
BAANIVc	tgbg1165m000	Check Password
BAANIVc	tgbg1170m000	Maintain Templates
BAANIVc	tgbg1200m000	Copy Version Data to Other Version
BAANIVc	tgbg1210m000	Delete Components
BAANIVc	tgbg1211m000	Change Current Version for more Users

Figure 3

BAAN environment: BAANIVc BAAN IV c environment

Session: tgbg1100m000

Description: Maintain Versions

Buttons: Close, Save, Undo, Help

Figure 4

Printing differences between two BAAN environments

With the Print Differences between BAAN Environments (tgbrg5456m000) session, see Figure 5, the user is able to examine the differences between two BAAN environments.

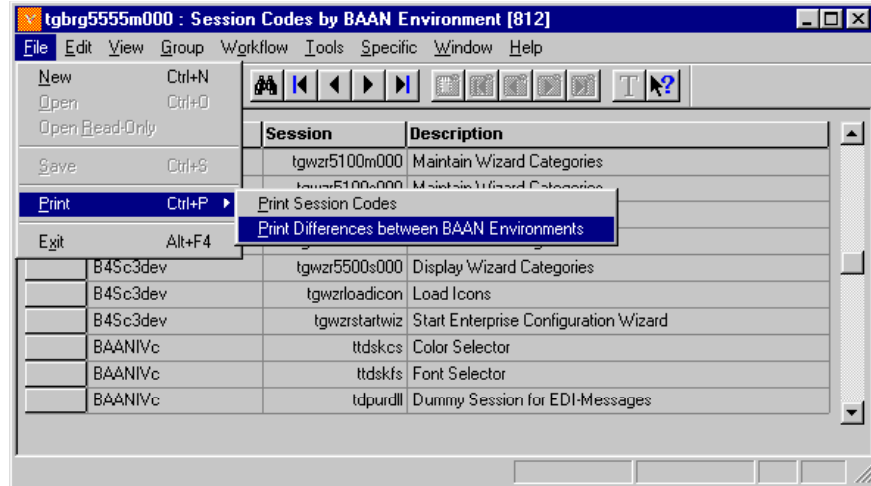


Figure 5

The user can select different options, see Figure 6:

- 1 Print the sessions that are in BAAN Environment A and not in BAAN Environment B;
- 2 Print the sessions that are in BAAN Environment B and not in BAAN Environment A;
- 3 Print sessions that are both in BAAN Environment A and B.

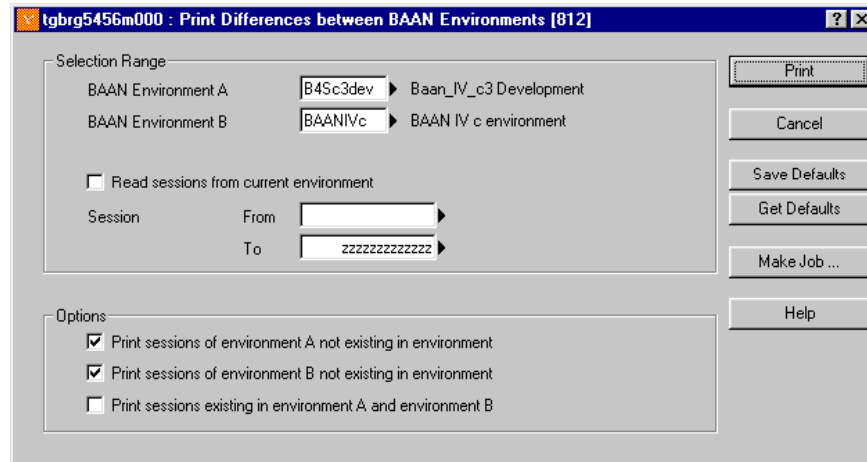


Figure 6

Select Read Source Sessions from Current Environment check box to indicate that the session codes for the source-side must be retrieved from the Sessions (ttadv200) table. If this check box is cleared, the user indicates that the session codes for the source-side must be retrieved from the Session Codes by BAAN Environment (tgbrg555) table.

4 Conversion of session codes

Filling Conversion of Session Codes (tgbrg550) table automatically

NOTE: The user should be careful when using this function. By filling the table Conversion of Session Codes automatically the existing records can be overwritten

- 1 Enter source and destination BAAN environments by clicking the New Group button on the button bar.
- 2 Select Fill Conversion of Session Codes on the Specific menu, see Figure 7.

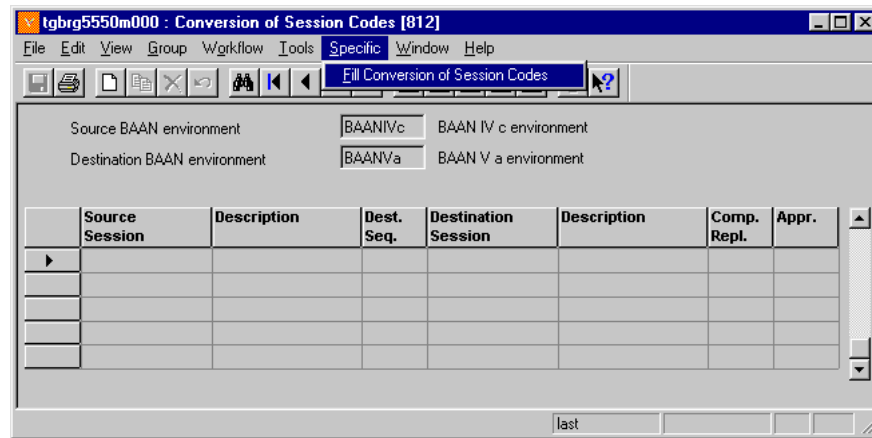


Figure 7

- 3 Enter values in the Fill Conversion of Session Codes (tgbrg5250m000) session, see Figure 8.
 - First enter the source BAAN environment and the destination BAAN environment to specify between which BAAN environments the conversion will take place.

- Select Read Source Sessions from Current Environment check box to indicate that the session codes for the source-side must be retrieved from the Sessions (ttadv200) table. If this check box is cleared, the user indicates that the session codes for the source-side must be retrieved from the Session Codes by BAAN Environment (tgbrg555) table.
- Overwrite Existing Records specifies if the existing records are overwritten. If this check box is selected, the existing records with the same source session code as the imported session code will be overwritten, else the imported session code will not overwrite existing session codes
- Initially only the source-side of the table will be filled. The destination-side will also be filled if the Write Values Also in Destination check box is selected.
- If both the Write Values Also in Destination check box and the Convert Destination Session Codes check box from BAAN IV to Standard BAAN ERP are selected, two adjustments are made to the inserted records:
 - 1 The source-side values will be translated to the destination-side values for the session code and authorization, according to the BAAN ERP standards:
 - If the source session is present in the destination BAAN environment and the seventh character of the session-code is equal to five then the authorization is Display. If the seventh character is not equal to five no authorization is given. The session code will not change.
 - If the source session is not present in the destination BAAN environment and the seventh character of the session code is equal to one, BAAN checks to see if the same code with a five as seventh character exists in the destination BAAN environment. If this is the case, the destination code is changed to the new session code and the authorization is set to Full Authorization. If this is not the case, the No Destination code is generated and the authorization is No Authorization.
 - 2 If the source session is of the xxxxxx1xxmxxx format, and the destination session is of the xxxxxx5xxmxxx format, then another record is inserted with the same source session and with the destination session of the xxxxxx1xxsxxx format if this code exists in BAAN ERP.

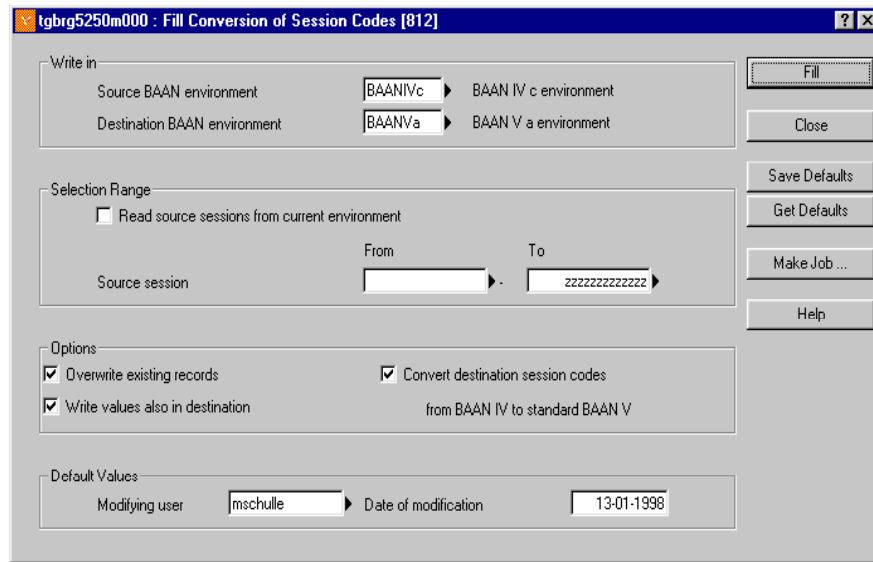


Figure 8

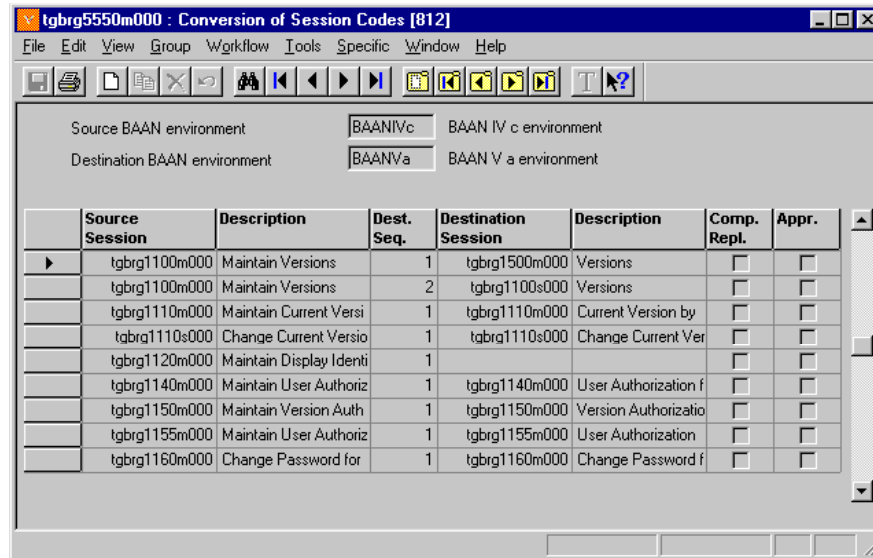


Figure 9

- 4 Click the Fill button.
 - The Conversion of Session Codes (tgbg550) table is filled with initial values. For the result see Figure 9.

If you look at Figure 9 you can see three types of replacements:

- 1 Multiple replacement (1:N), first and second row:
For each source session code, multiple destination session codes exist. At conversion the source session code is replaced by the destination session code with the lowest sequence number.
 - 2 Single replacement (1:1), third row:
For each source session code, exactly one destination session code exists. At conversion the source session code is replaced by the destination session code.
 - 3 No replacement (1:0), fifth row:
No destination session codes are defined for the source session code. This record will not be executed at conversion.
- Another type of replacement exists which is not shown in Figure 9:
 - Complete replacement (1:1), sixth column:
The Complete Replacement type can be applied in case of Multiple Replacement or Single Replacement. Complete replacement indicates that the functionality of the destination session includes the functionality of the source session.

Updating of values in records

After the table is filled automatically, **the whole table has to be evaluated**, because the automatically generated values may not all be correct. To update the values the following steps have to be executed.

- 1 Select the record to be evaluated, see Figure 10.
- 2 Change the values:
 - Check each field to see if it contains the right values.
 - Guidelines for filling the destination side, given the assumption that the required BAAN ERP session exists, are:
 - BAAN IV Multi Occurrence Maintain Session becomes a BAAN ERP Multi Occurrence Session with Full Authorization (for example, tgbg5100m000 becomes tgbg5500m000 with Authorization = Full)
 - BAAN IV Single Occurrence Maintain Session becomes a BAAN ERP Single Occurrence Session with Full Authorization (for example, tgbg5105s000 becomes tgbg5105s000 with Authorization = Full)

- BAAN IV Multi Occurrence Display Session becomes a BAAN ERP Multi Occurrence Session with Display Authorization (for example, tgbg5500m000 becomes tgbg5500m000 with Authorization = Display)
- BAAN IV Single Occurrence Display Session becomes a BAAN ERP Single Occurrence Session with Display Authorization (for example, tgbg5502s000 becomes tgbg5502s000 with Authorization = Display)
- If the destination session includes the functionality of the source session, the Complete Replacement check box must be selected.
- In case Complete Replacement is not applicable, a text is mandatory to inform the user how to handle the record during conversion. If Complete Replacement is applicable, a text can still be useful to define the extra functionality in BAAN ERP. This text must be written according to the following format, see Figure 11:

Deleted fields on source session:

[field] | [comment]

Changed fields from source to destination session:

[field 1] > [field 2] | [comment]

Added fields on destination session:

[field] | [comment]

Deleted options on source session:

[option] | [comment]

Changed options from source to destination session:

[option 1] > [option 2] | [comment]

Added options destination session:

[option] | [comment]

Additional Comment:

[comment]

- To approve the record, the Approved Conversion check box must be selected. Approving User and Date of Approval must be filled correctly. Default values are given.

3 Click Save and Close.

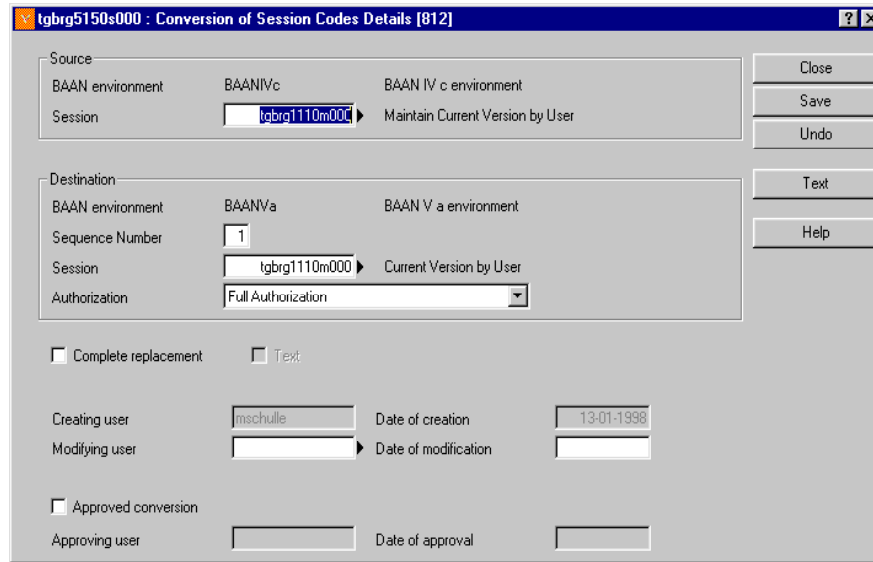


Figure 10

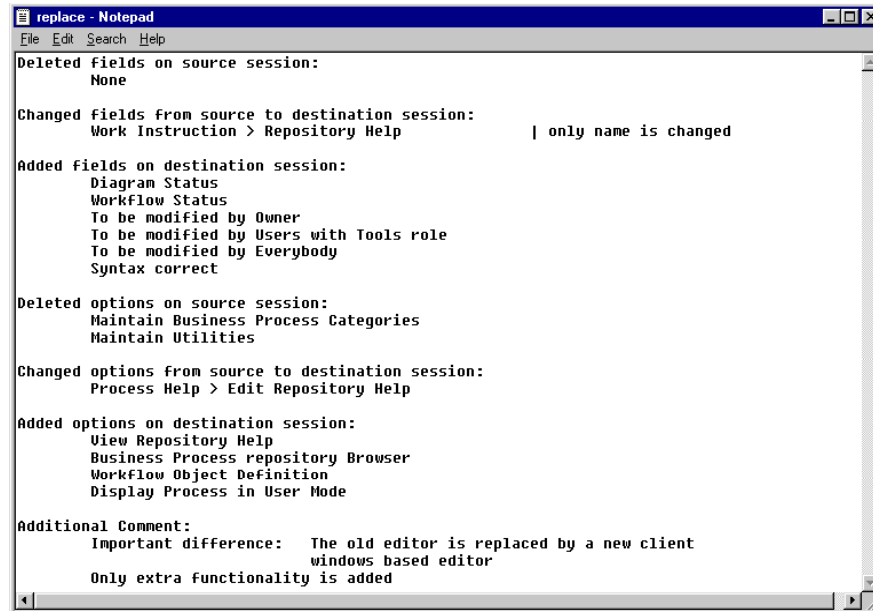


Figure 11

Adding other conversion options

To add another conversion option (multiple replacement):

- 1 Choose the Copy command to copy an existing record, and modify this record, see Figure 12:
 - A new sequence number is automatically generated.
 - The Destination Session and Authorization fields must be filled with the correct values. The same applies to the remaining fields.

Figure 12

Copying conversions to other environments

By using Duplicate (menubar: Group/ Duplicate) the user is able to copy conversions from one group to another. This is useful when the conversion from source environment Xa to destination environment Ya corresponds (partly) to the conversion from source environment Xb to destination environment Ya.

Printing of relevant data

Three types of reports can be printed, see Figure 13:

1 Print Conversion of Session Codes:

In this report the contents of the Conversion of Session Codes (tgbg550) table is printed. If Print Details is selected, all fields of the record are printed. If Print Details is cleared, only the most important fields are printed. If Print text is selected, and a text is present, then this text is printed on the report.

2 Print expired session:

This report shows the sessions that are not converted, which indicates loss of functionality. On the report the difference is printed between the origin of the source sessions - the Sessions by BAAN Environment (tgbg555) table or the Sessions (ttadv200) table- and the source sessions in the Conversion of Session Codes (tgbg550) table.

3 Print new sessions:

This report shows the sessions that do not have any related sessions in other environments, which indicates new functionality. The difference between the origin of the destination sessions - the Sessions (ttadv200) table, or the Sessions by BAAN Environment (tgbg555) table.-and the destination sessions in the Conversion of Session Codes (tgbg550) table, is printed.

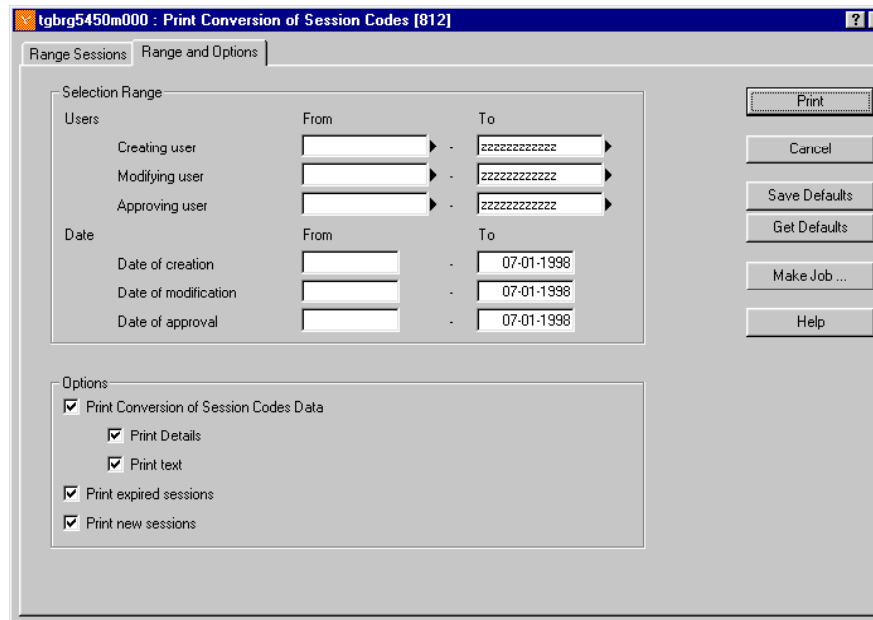


Figure 13

5 Convert session codes in model

By using the Conversion of Session Codes (tgbrg550) table, you can convert the BAAN IV sessions into BAAN ERP sessions in the DEM models. The conversion is executed by the Convert Session Codes in Model (tgbrg5251m000) session, see Figure 14.

- 1 First, you must select which business processes, utilities, and wizards must be converted by selecting their range.
- 2 To test the conversion, the Execute Test Run check box must be selected. The actual conversion will not take place but all the relevant data will be printed.
- 3 You can restrict the range of the conversion by specifying the source BAAN environment and the destination BAAN environment, followed by the range of source sessions and the destination sessions.
- 4 If the Convert only Approved Source and Destination Session Codes check box is selected, the restriction on the selection range is increased. Only the records, which are approved, will be converted.
- 5 If Convert only Complete Replacement is selected, the restriction on the selection range is also increased. Only the records that are complete replacements will then be converted.
- 6 On the second tab of the Convert Session Codes in Model (tgbrg5251m000) session, you can specify data to be printed on the report, see Figure 15. A report is always printed when you execute a test run. If you execute the conversion, you can disable the printing of the report.

6 Export / Import Version Dump

The data related to the conversion of session codes can be exported.

This is done by using session Export Version Dump (tgbrg1235m000), see figure 16. In this case the data will be stored in file 'dump.org'.

On the 'miscellaneous' tab (figure 17) the relevant data of the conversion of session codes can be selected.

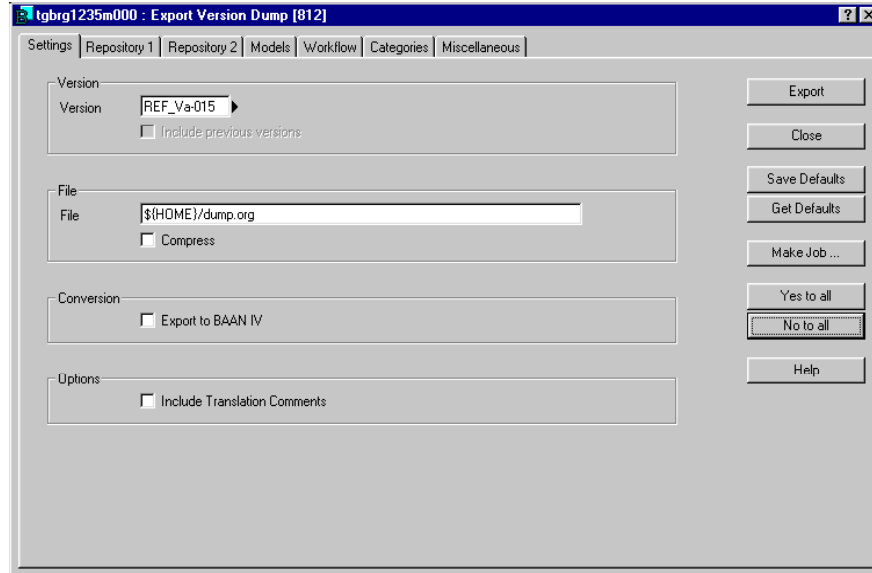


Figure 16

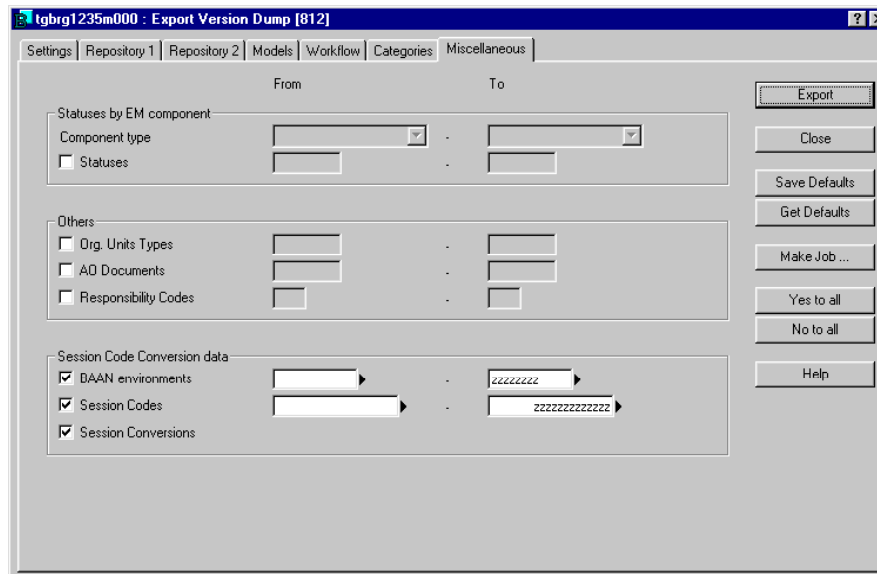


Figure 17

Session conversion data can also be imported into the tables using session Import Version Dump (tgbg1245m000), see figure 18. The user specifies the file with the data and the selection range (see figure 19).

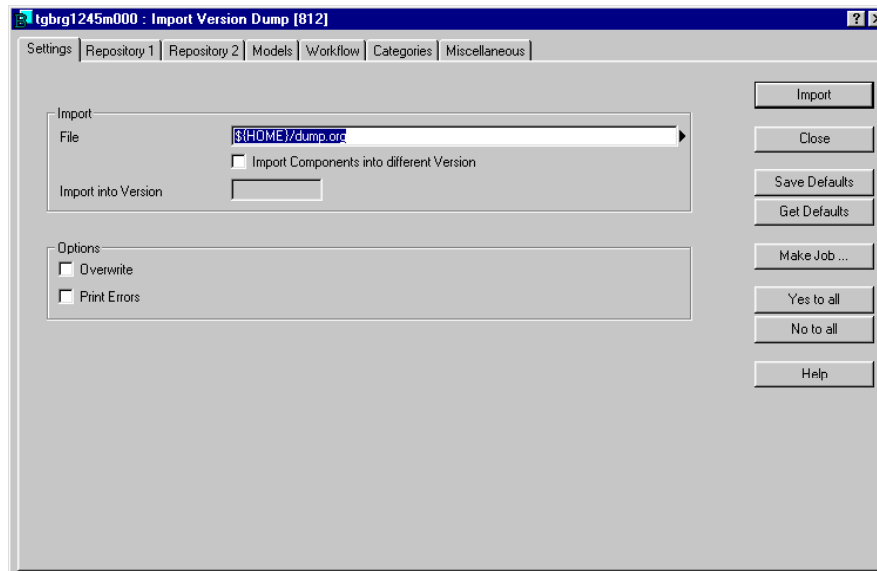


Figure 18

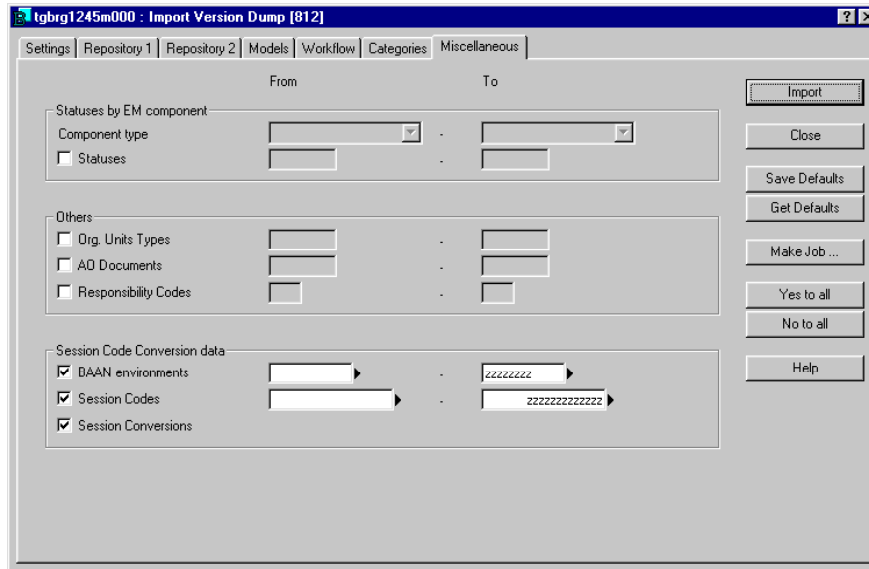


Figure 19

7

Glossary of fields and field related terms

Approved Conversion	Indicates (when set to yes) if this conversion is approved.
Authorization	Authorizations regarding the display or maintaining functionalities must be programmed explicitly in BAAN ERP sessions as distinct from sessions of BAAN IV, where this is done implicitly. The authorization of the destination sessions can be specified here.
BAAN environment	A BAAN environment can be compared with a BAAN release, for example BVa, BIVa, BIVb and BIVc. It is used to make a difference between sessions of different BAAN releases.
Complete Replacement	Indicates (when set to yes) if the destination session includes the functionality of the source session.
Destination BAAN environment	Specifies the BAAN environment of the destination session.
Destination Session	Specifies by what session from the destination BAAN environment the source session is replaced.
Multiple replacement	For each source session code, multiple destination session codes exists.
No replacement	No destination session codes are defined for the source session code.
Sequence Number	Several destination sessions can exist for one source session. To make a distinction, the sequence number is introduced. The record with the lowest sequence number is the best candidate for replacing the source session.
Single replacement	For each source session code exactly one destination session code exists.
Source BAAN environment	Specifies the BAAN environment of the source session.
Source Session	Specifies which session from the source BAAN environment is replaced by the destination session.
Text	In case of no Complete Replacement a text must be entered, which specifies the differences between the source session and the destination session.
