

Short text

Create BOMs using Batch Input

Description

This report is used to copy bills of material **without** a long text from an external system to the SAP System. It supports the creation of document structures, equipment BOMs, material BOMs, standard object BOMs, and functional location BOMs.

The program reads the sequential file entered and processes the data in it.

- The sequential file can be on your local application server, the presentation server, or an external application server. In the latter case, you must enter the server name.
- If you want the system to write the data to one or more batch input sessions, which you can process manually later, select the report parameter "Create session". If you leave the report parameter "create session" with its initial value, all the bills of material are created online. In this case, only those BOMs where an error occurred when they were created are collected in batch input sessions. You can then edit these later.

Requirements

Before you can start this report, you need to extract the BOM data to be copied from the source system and write it to a **sequential** file. To do this, you need to implement a program in the source system that compiles the data in the prescribed format and creates the file.

You must define a logical name for the sequential file in the customizing functions. This logical name is the reference to the physical name. You can maintain the logical name when you start the report, by calling online help (F1) on the **Logical file name** field.

The format for the BOM data in the sequential file is as follows:

- *Record type 0*: one session record (structure BGR00) per session

The session header contains general administrative data on the batch input session to be created. All records that follow the header in the sequential file are assigned to the current session, until the next header occurs in the file.

- *Record type 1*: one session record (structure BICSK) for each BOM

The BOM header record contains the transaction code (for example, CS01 Create material BOM) and the header data.

In the field BICSK-TCODE in structure BISCK, you define the BOM category. The BOM category determines the SAP transaction to be called. The following entries are possible:

- CV11 for document structures
- IB01 for equipment BOMs
- CS01 for material BOMs
- CS51 for standard BOMs
- IB11 for functional location BOMs

- *Record type 2*: one item record (structure BICSP) per item

All BOM item records are assigned to the preceding BOM header, until the next BOM header or session header occurs in the sequential file.

- *Record type 3*: one sub-item record (structure BICSU) per sub-item

All BOM sub-item records are assigned to the preceding BOM item, until the next item header, BOM header, or session header occurs in the sequential file.

Note

Please note the following points when you create the sequential file:

- Fields where no entry is to be made should be copied with their initial value. Do not use any NODATA character defined in the *BGR00-NODATA* field.
- If you want to remove a default field entry for the transaction, enter the delete character "!" in the field concerned. For example, if you want to set the "bulk material" indicator, and the "relevancy to costing" indicator is a default setting for the transaction, you need to remove the "relevancy to costing" indicator.
- Fields that contain a date should be copied in the external format defined in the user master record. One exception is the date entered in the session header, if any. This should always be copied in internal format YYYYMMDD, such that YYYY is the year, MM is the month and DD is the day.
- If fields for quantities or prices contain decimal values, always use the decimal point defined in the user master record.

Procedure

1. Extract the data to be copied from the source system using the program written for this purpose, writing the data to a sequential file.
2. Start the transfer program in the SAP System.
 - Enter the logical file name of the physical path containing the sequential file. To find the path name, you can select the possible entries function.
 - Decide from which server you want to import the sequential file. You can choose either your local application server, an external application server, or the presentation server. If you choose an external application server, you need to enter its name. You can use the possible entries button to help you.
 - Decide whether you want to create sessions for all imported BOMs or only those that contain errors.
3. The result log for data transfer tells you which sessions, if any, have been created.
4. Process the sessions, in order to copy the bills of material to the system, or in order to edit the bills of material containing errors.

Output

Once the data program has run, you see a log with the following information:

- all the errors that occurred during processing

- all the BOMs that were copied successfully
- all the sessions, if any, that have been created