

HOW TO IDENTIFY TABLE BEHIND ANY TCODE

- As a functional consultant, navigating the Sap tables can sometimes be challenging, especially when it comes to understanding how data flows through the system during **Integration** and **End-to-End (IPE) testing**
- One critical aspect of this process is having a comprehensive knowledge of the tables associated with specific transaction codes (tcodes)
- In this blog post, we will explore a simple yet effective trick to identify tables behind any tcode.

STEP 1 : CHECK PROGRAM FOR SPECIFIC TCODE USING

TSTC TABLE :

General Table Display

Background Number of Entries All Entries View Maintenance

Table TSTC SAP Transaction Codes
Text table /PERS/FLAVORS_T No texts
Layout Maintain entries
Maximum no. of hits 500

Selection Criteria

Fld name	O..	Fr.Value	To value	Mo
Transaction Code		MIRO		
Program				

TSTC: Display of Entries Found

Table to be searched TSTC SAP Transaction Codes
Number of hits 1
Runtime 0 Maximum no. of hits 500

Details

TCODE	Program	Screen	CHAR05 data element for SYST	HEX01 data element for SYST	Msg. ID	Flvr Name
MIRO	SAPLMR1M	6000			04	

STEP 2: CHECK ALL TYPE OF TABLE THROUGH D010TAB:

Once you have identified the program associated with the tcode, the next step is to determine the relevant tables. The D010Tab table can help you find the tables linked to a specific program. Follow these steps:

General Table Display

Background Number of Entries All Entries

Table: D010TAB Table for Use Report<->Tables
Text table: No texts
Layout:
Maximum no. of hits: 500

Selection Criteria

Fld name	O.. Fr.Value	More	Output	Technical
ABAP/4 main program	SAPLMR1M		<input checked="" type="checkbox"/>	MASTER
Table Name			<input checked="" type="checkbox"/>	TABNAME

Input parameter from step 1

D010TAB: Display of Entries Found

Table to be searched: D010TAB Table for
Number of hits: 1.549
Runtime: 0 Maximum

Main prog.	Table Name
SAPLMR1M	/BEV1/LUEMARA_A
SAPLMR1M	/BEV1/LULIKP_A
SAPLMR1M	/BEV1/LUTRANS1
SAPLMR1M	/BEV1/LUTRANSP
SAPLMR1M	/BEV1/NEEMARA_A
SAPLMR1M	/BEV1/NE_DRSEG_A
SAPLMR1M	/BEV1/NE_DRSEG_I
SAPLMR1M	/BEV1/NE_EKPODATA_A
SAPLMR1M	/BEV1/RPDDFLGNR
SAPLMR1M	/BEV1/RPLIKP_A
SAPLMR1M	/BEV1/RPTDSUFEI
SAPLMR1M	/BEV2/EDMSEG_A
SAPLMR1M	/BEV3/CHKOMPAZVV
SAPLMR1M	/BOBF/CONF_KEY
SAPLMR1M	/CPD/PFP_AFVC_TIMESTMP
SAPLMR1M	/CUM/APP_AFVGI
SAPLMR1M	/CUM/APP_STPO
SAPLMR1M	/CUM/APP_STPON
SAPLMR1M	/DSD/SL_EMARA_A
SAPLMR1M	/DSD/SL_MARA_TG_I

Step 2 Output

Step 3: DD02L Table Used to Find Transparent Tables:

Transparent tables store data in the database and are crucial for data storage in SAP. To identify transparent tables linked to the program, use the DD02L table

General Table Display

Background Number of Entries All Entries

Table: DD02L

SAP Tables: No texts

Selection Criteria:

Fld name	O.. Fr.Value
TABLE NAME	/BEV1/LUEMARA_A
ACTIVATION STATUS	
VERSION	
TABLE CATEGORY	TRANSP
POOL/CLUSTER	
MIN.NO. OF ENTRIES	
MAX.NO. OF ENTRIES	
AV. NO. OF ENTRIES	
CLIENT-SPECIFIC	
BUFF. ALLOWED	
COMPRESSION	
LNG.DEP	

Multiple Selection:

O.. Fr.Value	TO value
/BEV1/LUEMARA_A	
/BEV1/LULIKP_A	
/BEV1/LUTRANS1	
/BEV1/LUTRANSP	
/BEV1/NEEMARA_A	
/BEV1/NE_DRSEG_A	
/BEV1/NE_DRSEG_I	
/BEV1/NE_EKPODATA_A	

Number of Selection Criteria: 1.549

New Entries All Entries

Input parameter from step 2

DD02L: Display of Entries Found

Table to be searched: DD02L

Number of hits: 150

Runtime: 00:00:02

Table Name	Ac	Vers	Tab.cat.	P/C	MinEntries	MaxEntries	No.entries	C	B
RBSELCONTRACT	A		TRANSP					X	
RBSELDELI	A		TRANSP					X	
RBSELERFB	A		TRANSP					X	
RBSELFBRBR	A		TRANSP					X	
RBSELLIFS	A		TRANSP					X	
RBSELTM	A		TRANSP					X	
RBSELTRANSPMNG	A		TRANSP					X	
RBSELWERK	A		TRANSP					X	
RBTX	A		TRANSP					X	
RBVDMAT	A		TRANSP					X	
RBVS	A		TRANSP					X	
RBWS	A		TRANSP					X	
RFDT	A		TRANSP				3000	X	
RKWA	A		TRANSP					X	
RSEG	A		TRANSP					X	
RSEG_TM	A		TRANSP					X	
SEOCCLASS	A		TRANSP						
SEOCCLASSTX	A		TRANSP						
SHDGUIXT	A		TRANSP						F

Step 3 : Output
transparent table associated with MIRO tcode

Step 4: DD02T to Get Text for the Same Table:

To enhance understanding, we can retrieve the descriptions or texts associated with the transparent tables. Use the DD02T table:

The screenshot shows the 'General Table Display' (DD02T) interface. The 'Table' field is set to 'DD02T'. The 'SAP DD: SAP Table Texts' checkbox is checked. A yellow box highlights the 'Input parameter from step 3' pointing to the 'SAP DD: SAP Table Texts' checkbox. The 'Selection Criteria' section shows 'Fr. Value' for 'TABLE NAME' set to '/SAPSPRO/EADD'. The 'Multiple Entry' list shows various table names including /SAPSPRO/EADD, ADMI_FILES, ADRC, AFVC, AUSP, BALHDR, BBP_CTR_ITEM_MAP, and BKPF. The 'Number of Selection Criteria' is set to 150.

The screenshot shows the 'DD02T: Display of Entries Found' window. The 'Table to be searched' is 'DD02T' and 'SAP DD: SAP Table Texts' is checked. The 'Number of hits' is 150. The table below lists various table entries with their descriptions:

Table Name	Ln	Ac	Vers	Short Description
RBDRSEG	EN	A		Batch IV: Invoice Document Items
RBKP	EN	A		Document Header: Invoice Receipt
RBKPB	EN	A		Invoice Document Header (Batch Invoice Verification)
RBKP_BLOCKED	EN	A		Logistics Invoice Verification: Blocked Invoices
RBMA	EN	A		Document Item: Incoming Invoice for Material
RBSELBEST	EN	A		Invoice Receipt, Purchasing Documents Selection
RBSELCONTRACT	EN	A		Invoice Receipt Contract Selection
RBSELDELI	EN	A		Incoming Invoice: Delivery Selection
RBSELERFB	EN	A		Invoice Receipt, Service Entry Sheet Selection
RBSELEFRBR	EN	A		Invoice Receipt, Bills of Lading Selection
RBSELLIFS	EN	A		Invoice Receipt, Delivery Notes Selection
RBSELTM	EN	A		TM Invoice Verification
RBSELTRANSPMNG	EN	A		Invoice Receipt Selection for Transportation Management
RBSELWERK	EN	A		Invoice Receipt, Plants Selection
RBTX	EN	A		Taxes: Incoming Invoice
RBVDMAT	EN	A		Invoice Verification - Aggregation Data, Material
RBVS	EN	A		Invoice Verification: Split Invoice Amount
RBWS	EN	A		Withholding Tax Data, Incoming Invoice
RFDT	EN	A		Accounting Data (INDX Structure)

Table Description details