



SAP ABAP Programming and HANA Database Tutorials

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SAP Payment Terms Table and ZTERM Texts Table for ABAP Developers



Developers frequently use SAP Payment Terms ZTERM especially as SAP S/4HANA system documents

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ABAP developers can use the **SAP table T052 (Terms of Payment)** in order to get details about the **ZTERM payment terms** of an order or invoice. The SAP Table T052 Terms of Payment has the following table columns.

MANDT Client
 ZTERM Terms of payment key
 ZTAGG Day Limit
 ZDART Date Type
 ZFAEL Calendar Day for the Baseline Date for Payment
 ZMONA Additional Months
 ZTAG1 Days from Baseline Date for Payment
 ZPRZ1 Cash Discount Percentage Rate
 ZTAG2 Days from Baseline Date for Payment
 ZPRZ2 Cash Discount Percentage Rate
 ZTAG3 Days from Baseline Date for Payment
 ZSTG1 Due Date for Special Condition
 ZSMN1 Additional Months for Special Condition (Term 1)
 ZSTG2 Due Date for Special Condition
 ZSMN2 Additional Months for Special Condition (Term 2)
 ZSTG3 Due Date for Special Condition
 ZSMN3 Additional Months for Special Condition (Term 3)
 XZBRV Print terms of payment in RV papers
 ZSCHF Payment Block (Default Value)
 XCHPB Transfer payment block when changing terms of payment?
 TXN08 Number of the standard text
 ZLSCH Payment method
 XCHPM Transfer payment method when changing terms of payment?
 KOART Account Type of the Customer/Vendor
 XSPLT Indicator: Term for installment payment
 XSCRC Recurring Entries: Add Terms of Payment from Master Record

Payment Terms Texts Table

If as an ABAP developer, you want to display **payments terms text** in different languages, you can read ZTERM text from **SAP table TVZBT, Customers: Terms of Payment Texts** table or **SAP table T052U, Own Explanations for Terms of Payment**.

Customers: Terms of Payment Texts TVZBT table has the following table columns.



SAP table T052U Own Explanations for Terms of Payment has following fields:

MANDT Client

SPRAS Language Key

ZTERM Terms of Payment Key

ZTAGG Day Limit

TEXT1 Own Explanation of Term of Payment

Read Payment Term Texts by Code in ABAP

ABAP programmers can use following methods in their ABAP codes or programs to read payment term description in a specific language.

ABAP developer can either query SAP tables tvzbt or t052 for the payment term text translation or better use ABAP function module **FI_PRINT_ZTERM** or a similar one to get ZTERM translated text.

```
DATA lv_zterm TYPE dzterm VALUE 'A00C'.
DATA lv_spras TYPE spras VALUE 'T'.

SELECT SINGLE * FROM t052 INTO @DATA(ls_t052) WHERE zterm = @lv_zterm.
CHECK sy-subrc = 0.
SELECT SINGLE vtext FROM tvzbt INTO @DATA(lv_vtext) WHERE zterm = @lv_zterm AND spras = @lv_spras.
IF sy-subrc = 0.
  WRITE lv_vtext. " translation from TVZBT table
ENDIF.
SELECT SINGLE text1 FROM t052u INTO @DATA(lv_text1) WHERE zterm = @lv_zterm AND spras = @lv_spras.
IF sy-subrc = 0.
  WRITE lv_text1. " translation from T052U table
ENDIF.

DATA lt_ztext LIKE TABLE OF ttext.
CALL FUNCTION 'FI_PRINT_ZTERM'
  EXPORTING
    i_zterm = lv_zterm
    i_langu = lv_spras
  * I_XT052U = ' '
  * I_T052 =
  TABLES
    t_ztext = lt_ztext
  * EXCEPTIONS
  * ZTERM_NOT_FOUND = 1
  * OTHERS = 2.
```

```
A00C TR TVZBT table:  
A00C TR T052U table:  
A00C TR FI_PRINT_ZTERM FM Hemen ödenebilir İndirimsiz
```

Here is the output of the above ABAP report with sample data querying ZTERM in ABAP tables for Turkish language translation.

Please note that although there is not a record in ABAP tables TVZBT or T052U, the ABAP function module **FI_PRINT_ZTERM** is capable of generating the payment term text using text symbols used in the program.

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