

TimeToStrEx

%TimeToStrEx function

Function

The function converts given absolute time to a text string according to defined mask.

Declaration

```
TEXT %TimeToStrEx(  
    TIME in TimeA,  
    TEXT in mask,  
    INT  in timeZone := %GetTimeZone()  
)
```

Parameters

TimeA	Absolute time.
offset	Time format of result string.
timeZone	Forced time zone to convert to a local time. It is set as a time zone offset from UTC during winter in seconds.

Note

Position of individual time components is given by the occurrence of the following strings in the entered mask.

String	Description
yyyy or rrrr	4-digit year representation
yy or rr	Last two digits of year
mm	Month
dd	Day
hh	Hour
hb, HH	Trading hour - hour in day from 1 to 25.
mi	Minute
ss	Second
mss	Millisecond
tttt	Name of day in week [*] .
ttt	3-character shortcut of the name of day in week [*] .
tt	2-character shortcut of the name of day in week [*] .

The function is conformable with the function [%TimeToStr](#), besides the differences during conversions of ambiguous time - changes of daylight saving and standard time - the function displays the time together with the character A or B according to daylight saving time (A) or standard time (B).

A and B characters are used for the transition hour that depends on the time zone. In time zone GTM+1, the character is used at 2 a.m. of the local time. In time zone GMT+2 it is used at 3 a.m. of the local time, etc. .

Example: A2:10:00 26-10-2003 (for time zone GMT+1)

Example

```
%TimeToStrEx(M.TiA_01, "hh:mi:ss.mss dd-mm-rrrr")
```



Related pages:

- [Implemented functions](#)
- [Function arguments - types](#)