

# StrToTimeEx

## %StrToTimeEx function

Old name	%MkATEx						
Function	The function converts a text string to a value of <i>Absolute time</i> type according to a given <a href="#">mask</a> .						
Declaration	<pre>TIME %StrToTimeEx(     TEXT in String1,     TEXT in String2,     TEXT in timeZone := %GetCurrentTimeZone() )</pre>						
Parameters	<table><tr><td>s t r i n g1</td><td>Text string.</td></tr><tr><td>s t r i n g2</td><td>Mask. See the description of the mask for the <a href="#">%TimeToStr</a> function Note: "UNIX" and "UNIXMS" masks are also supported for Unix timestamp conversion (number of seconds or milliseconds from 1.1.1970 UTC)</td></tr><tr><td>t i m e z o n e</td><td>Name of the time zone used for conversion to local time (e.g. "Europe/London") or definition of fixed offset from UTC using format "(+/-)hh[:mi[:ss]]", where <i>hh</i> defines a number of hours, <i>mi</i> defines a number of minutes, and <i>ss</i> defines a number of seconds. Sign as well as a number of hours are mandatory parts of offset definition, number of minutes and seconds are optional and default to 0 (e.g. "+02:30" defines offset of 2 hours and 30 minutes from UTC). The empty text has the same meaning as function <a href="#">%GetCurrentTimeZone</a>. Note: For historical reasons, an integer parameter is also accepted. Its interpretation is as follows: 0 - zone "Europe/London", 3600 - zone "Europe/Bratislava", 7200 - zone "Europe/Kiev", 21600 - zone "Asia/Almaty". Usage of integer parameter is deprecated and generates warning into log file!</td></tr></table>	s t r i n g1	Text string.	s t r i n g2	Mask. See the description of the mask for the <a href="#">%TimeToStr</a> function Note: "UNIX" and "UNIXMS" masks are also supported for Unix timestamp conversion (number of seconds or milliseconds from 1.1.1970 UTC)	t i m e z o n e	Name of the time zone used for conversion to local time (e.g. "Europe/London") or definition of fixed offset from UTC using format "(+/-)hh[:mi[:ss]]", where <i>hh</i> defines a number of hours, <i>mi</i> defines a number of minutes, and <i>ss</i> defines a number of seconds. Sign as well as a number of hours are mandatory parts of offset definition, number of minutes and seconds are optional and default to 0 (e.g. "+02:30" defines offset of 2 hours and 30 minutes from UTC). The empty text has the same meaning as function <a href="#">%GetCurrentTimeZone</a> . Note: For historical reasons, an integer parameter is also accepted. Its interpretation is as follows: 0 - zone "Europe/London", 3600 - zone "Europe/Bratislava", 7200 - zone "Europe/Kiev", 21600 - zone "Asia/Almaty". Usage of integer parameter is deprecated and generates warning into log file!
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Description	<p>In case of an ambiguous time, the function returns standard time (i.e. later time). Ambiguous time can be labeled with the character A - for daylight-saving time and B - for standard time.</p> <p>The ambiguous time is distinguished by the characters A and B (A - summer time and B - standard time), in the place of hours. For example: In time zone GMT+1 at 2 a.m. of the local time, the ambiguous time is defined as A2 and B2. In time zone GMT+2 at 3 a.m. of the local time, it is defined as A3 and B3, etc.</p> <p>For a time that is missing or does not exist, it returns invalid value.</p>						
Example	<pre>%StrToTimeEx("17:03:16 18-03-99", "hh:mi:ss dd-mm-rr")</pre>						



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