

# NewTime

## %NewTime function

Old name	%NewTimeT												
Function	The function adds the relative time calculated from the defined parameters <code>Year</code> , <code>Month</code> , <code>Day</code> , <code>Sec</code> to the absolute time <code>TimeA</code> . Result is an absolute time.												
Declaration	<pre>TIME %NewTime(     TIME in TimeA,     INT  in Year,     INT  in Month,     INT  in Day,     INT  in Sec,     TEXT in timeZone := %GetCurrentTimeZone() )</pre>												
Parameters	<table><tr><td><b>T i m e A</b></td><td>Input time.</td></tr><tr><td><b>Y e a r</b></td><td>Number of years.</td></tr><tr><td><b>M o n t h</b></td><td>Number of months.</td></tr><tr><td><b>D a y</b></td><td>Number of days.</td></tr><tr><td><b>S e c</b></td><td>Number of seconds.</td></tr><tr><td><b>t i m e Z o n e</b></td><td><p>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 number of hours, <i>mi</i> defines number of minutes, and <i>ss</i> defines number of seconds. Sign as well as 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). Empty text has the same meaning as function <code>%GetCurrentTimeZone</code>.</p><p>Note: For historical reasons, 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!</p></td></tr></table>	<b>T i m e A</b>	Input time.	<b>Y e a r</b>	Number of years.	<b>M o n t h</b>	Number of months.	<b>D a y</b>	Number of days.	<b>S e c</b>	Number of seconds.	<b>t i m e Z o n e</b>	<p>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 number of hours, <i>mi</i> defines number of minutes, and <i>ss</i> defines number of seconds. Sign as well as 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). Empty text has the same meaning as function <code>%GetCurrentTimeZone</code>.</p> <p>Note: For historical reasons, 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!</p>
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Note	<p>If the target date does not exist, the function returns the date value of the last existing day in the particular target month, e.g.:</p> <pre>_Date := %StrToTime("10:00:00 31-01-2007") _Date := %NewTime(_Date,0,1,0,0)           ;increases the month value by one - &gt; 28.2.2007 10:00:00.000</pre>												



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