

NextTime

%NextTime function

Old name	%NextTimeT								
Function	The function returns the value of the following timestamp which is newer than the current time. The timestamp value is given by the period <i>Period</i> and by the time offset <i>Offset</i> , that are given in seconds. Result is absolute time.								
Declaration	<pre>TIME %NextTime(INT in Period, INT in Offset, UNIVAL in CalcTrigger, TEXT in timeZone := %GetCurrentTimeZone())</pre>								
Parameters	<table><tr><td>p e r i o d</td><td>Period [s] - must be a positive value.</td></tr><tr><td>o f f s e t</td><td>Offset [s] - may be a negative value, too.</td></tr><tr><td>C a l c T r i g g e r</td><td>An object, whose change recalculates the function. Its type is arbitrary. The trigger is used only for eval tags and is ignored in ESL scripts. Note: This parameter was implemented when there were no eval tags with triggers. If a tag is to be evaluated when a particular object changes, use an eval tag with a trigger.</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 %GetCurrentTimeZone. 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>	p e r i o d	Period [s] - must be a positive value.	o f f s e t	Offset [s] - may be a negative value, too.	C a l c T r i g g e r	An object, whose change recalculates the function. Its type is arbitrary. The trigger is used only for eval tags and is ignored in ESL scripts. Note: This parameter was implemented when there were no eval tags with triggers. If a tag is to be evaluated when a particular object changes, use an eval tag with a trigger.	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 %GetCurrentTimeZone . 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!
p e r i o d	Period [s] - must be a positive value.								
o f f s e t	Offset [s] - may be a negative value, too.								
C a l c T r i g g e r	An object, whose change recalculates the function. Its type is arbitrary. The trigger is used only for eval tags and is ignored in ESL scripts. Note: This parameter was implemented when there were no eval tags with triggers. If a tag is to be evaluated when a particular object changes, use an eval tag with a trigger.								
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 %GetCurrentTimeZone . 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!								
Example	%NextTime , %SubTime - time interval generation								



Related pages:

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