

AddIntervalLocal

%AddIntervalLocal function

Function	The function adds relative time TimeR to absolute time TimeA . A result is value of <i>Absolute time</i> type.						
Declaration	<pre>TIME %AddIntervalLocal(TIME in TimeA, REAL in TimeR, INT in timeZone := %GetTimeZone())</pre>						
Parameters	<table><tr><td>TimeA</td><td>Absolute time.</td></tr><tr><td>TimeR</td><td>Relative time.</td></tr><tr><td>timeZone</td><td>Forced time zone to convert to a local time. It is set as a time zone offset from UTC during winter in seconds.</td></tr></table>	TimeA	Absolute time.	TimeR	Relative time.	timeZone	Forced time zone to convert to a local time. It is set as a time zone offset from UTC during winter in seconds.
TimeA	Absolute time.						
TimeR	Relative time.						
timeZone	Forced time zone to convert to a local time. It is set as a time zone offset from UTC during winter in seconds.						
Description	The function %AddIntervalLocal adds relative time to absolute one. The result will not be influenced by the fact if the time offset was or was not in this interval. E.g., if 3 hours are added to 1:00 a.m., the result is always 4:00 a.m.						
Example	<pre>; ===== ; Slovakia (country for this example) ; Time zone is UTC+1. ; There are summer [A] and winter [B] time (with time shifts). ; Summer time is from 29th March 2009 to 24th October 2009. ; A3:00:00 is changed to B2:00:00 on Sunday (25th October 2009). ; ===== BEGIN TIME _baseTime TIME _addLocal1 TIME _addLocal2 ; UTC 23:30:00 24.10.2009 _baseTime := %StrToTimeEx("01:30:00 25.10.2009", "hh:mi:ss dd-mm-rrrr") ; add 1 hour - result time 25-10-2009 A2:30:00.000 _addLocal1 := %AddIntervalLocal(_baseTime, 3600) ; add 2 hour - result time 25-10-2009 03:30:00.000 _addLocal2 := %AddIntervalLocal(_baseTime, 7200) END</pre>						



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