

SubTimesLocal

%SubTimesLocal function

Function	The function deducts absolute time TimeB from absolute time TimeA . A result is value of <i>Relative time</i> type.						
Declaration	<pre>REAL %SubTimesLocal(TIME in TimeA, TIME in TimeB, INT in timeZone := %GetTimeZone())</pre>						
Parameters	<table><tr><td>TimeA</td><td>Absolute time.</td></tr><tr><td>TimeB</td><td>Absolute 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.	TimeB	Absolute 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.						
TimeB	Absolute 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 %SubTimesLocal deducts one absolute time from other one. The result will not be influenced by the fact if the time offset was or was not in this interval. For example, the difference between 4:00 and 1:00 a.m. is always three hours.						
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 _timeA TIME _timeB TIME _baseTime REAL _subLocal1 REAL _subLocal2 ; UTC 00:30:00 25.10.2009 _timeA := %StrToTimeEx("A2:30:00 25.10.2009", "hh:mi:ss dd-mm-rrrr") ; UTC 01:30:00 25.10.2009 _timeB := %StrToTimeEx("B2:30:00 25.10.2009", "hh:mi:ss dd-mm-rrrr") ; UTC 23:30:00 24.10.2009 _baseTime := %StrToTimeEx("01:30:00 25.10.2009", "hh:mi:ss dd-mm-rrrr") ; difference 1 hour(s) (3600 seconds) _subLocal1 := %SubTimesLocal(_timeA, _baseTime) ; difference 1 hour(s) (3600 seconds) _subLocal2 := %SubTimesLocal(_timeB, _baseTime) END</pre>						



Related pages:

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