AddIntervalMono

%AddIntervalMono function

Function

The function adds relative time **TimeR** to absolute time **TimeA**. A result is value of *Absolute time* type.

Declaration

```
TIME %AddIntervalMono(
   TIME in TimeA,
   REAL in TimeR,
 )
```

Parameters

TimeA	Absolute time.
TimeR	Relative time.

Description

The function %AddIntervalMono adds relative time to absolute one. The result **will 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 can be 3:00 (advance to winter time), 4:00 or 5:00 a.m. (advance to summer time) in Slovakia.

Example

```
; ================================================================
;  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 _addMono1
 TIME _addMono2

 ; 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
 _addMono1 := %AddIntervalMono(_baseTime, 3600)
 ; add 2 hour - result time 25-10-2009 B2:30:00.000
 _addMono2 := %AddIntervalMono(_baseTime, 7200)

END
```


Related pages:

Implemented functions
Function arguments - types
%AddIntervalLocal