

HI_SetGraphTimeZone

%HI_SetGraphTimeZone function

Function

The function **%HI_SetGraphTimeZone** allows to define time zones for special modes.

Declaration

```
%HI_SetGraphTimeZone(  
  INT in _refId,  
  INT in _zoneId,  
  TIME in _od,  
  TIME in _do  
  [, INT in _lineNr]  
)
```

Parameters

_refId	Reference to graphic object (reference variable).
_zoneId	Identifier of zone, number from 1,..n.
_od	Beginning of time zone.
_do	End of time zone.
_lineNr	Zone rendering can be assigned to a specific line. Used only when drawing a graph for a given line. The default value of 0 disables use for a particular waveform, and band drawing is used for all waveforms.

Description

The function allows to define time zones for special modes (coloration and hiding).

Example

```
ENTRY TimeZones_OnClick  
TIME _gbt  
TIME _get  
  
_get := %NextTime(3600, 3600, 0)  
_gbt := %SubTime(_get,8*3600)  
  
%HI_SetGraphTimes(_Graph, _gbt, _get, @TRUE)  
%HI_SetGraphTimeZone(_Graph,1, %AddTime(_gbt,%StrToRelTime("01:00:00")), %  
AddTime(_gbt,%StrToRelTime("02:00:00")))  
%HI_SetGraphTimeZone(_Graph,2, %AddTime(_gbt,%StrToRelTime("03:00:00")), %  
AddTime(_gbt,%StrToRelTime("04:00:00")))  
%HI_SetGraphTimeZone(_Graph,3, %AddTime(_gbt,%StrToRelTime("05:00:00")), %  
AddTime(_gbt,%StrToRelTime("06:00:00")))  
%HI_SetGraphTimeZoneColor(_Graph,1, %MakeRGB(0, 127, 0))  
%HI_SetGraphTimeZoneColor(_Graph,3, %MakeRGB(255, 0, 0))  
%HI_SetGraphTimeZoneVisible(_Graph,2, @FALSE)  
  
END TimeZones_OnClick
```

Note

Zones which are not defined by time range have a value zoneId= 0. To speed up the entering of large number of time zones, lock a graph by the function [%HI_LockUpdate](#) before entering, and after completion, unlock it.



Related pages:

- [Graphic object manipulation functions](#)
- [Function arguments - types](#)
- [%HI_SetGraphTimeZoneColor](#)
- [%HI_SetGraphTimeZoneVisible](#)
- [%HI_SetGraphGrid](#)
- [%HI_SetGraphTimeZoneRemove](#)

