

# 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  
)
```

Parameters

refId	Reference to graphic object ( <a href="#">reference variable</a> ).
zoneId	Identifier of zone, number from 1,...n.
od	Beginning of time zone.
od	End of time zone.

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\\_GraphTimeZoneRemove](#)