

# HI\_SetGraphTimeZone

## %HI\_SetGraphTimeZone function

Function	The function <b>%HI_SetGraphTimeZone</b> allows to define time zones for special modes.										
Declaration	<pre>%HI_SetGraphTimeZone(   INT in _refId,   INT in _zoneId,   TIME in _od,   TIME in _do   [, INT in _lineNr] )</pre>										
Parameters	<table><tr><td><b>_refId</b></td><td>Reference to graphic object (<a href="#">reference variable</a>).</td></tr><tr><td><b>_zoneId</b></td><td>Identifier of zone, number from 1,..n.</td></tr><tr><td><b>_od</b></td><td>Beginning of time zone.</td></tr><tr><td><b>_do</b></td><td>End of time zone.</td></tr><tr><td><b>_lineNr</b></td><td>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.</td></tr></table>	<b>_refId</b>	Reference to graphic object ( <a href="#">reference variable</a> ).	<b>_zoneId</b>	Identifier of zone, number from 1,..n.	<b>_od</b>	Beginning of time zone.	<b>_do</b>	End of time zone.	<b>_lineNr</b>	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.
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Description	The function allows to define time zones for special modes (coloration and hiding).										
Example	<pre>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</pre>										
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 <a href="#">%HI_LockUpdate</a> before entering, and after completion, unlock it.										



### Related pages:

- [Graphic object manipulation functions](#)
- [Function arguments - types](#)
- [%HI\\_SetGraphTimeZoneColor](#)
- [%HI\\_SetGraphTimeZoneVisible](#)
- [%HI\\_SetGraphGrid](#)
- [%HI\\_SetGraphTimeZoneRemove](#)

