

HI_SetGraphTimeZone

%HI_SetGraphTimeZone function

Function	The function %HI_SetGraphTimeZone 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>_refId</td><td>Reference to graphic object (reference variable).</td></tr><tr><td>_zoneId</td><td>Identifier of zone, number from 1,..n.</td></tr><tr><td>_od</td><td>Beginning of time zone.</td></tr><tr><td>_do</td><td>End of time zone.</td></tr><tr><td>_lineNr</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>	_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.
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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 %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](#)

