

# HI\_SetGraphAxisRange

## %HI\_SetGraphAxisRange function

Function	The function sets the range of given axis of graph / XY graph connected in displayer of <a href="#">Graph</a> or <a href="#">XY Graph</a> types ( <a href="#">Control function</a> ).								
Declaration	<pre>%HI_SetGraphAxisRange(     INT in refId,     INT in axisNr,     REAL in _low,     REAL in _high )</pre>								
Parameters	<table><tr><td>refId</td><td>Reference to displayer (<a href="#">reference variable</a>).</td></tr><tr><td>axisNr</td><td>Axis serial number.</td></tr><tr><td>_low</td><td>Range begin.</td></tr><tr><td>_high</td><td>Range end.</td></tr></table>	refId	Reference to displayer ( <a href="#">reference variable</a> ).	axisNr	Axis serial number.	_low	Range begin.	_high	Range end.
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Description	<p>The function sets the range of the axis specified by the parameter <i>axisNr</i>. If <i>axisNr</i>=0, the function sets the range of the X-axis. Axis range is defined by the parameters <i>_low</i> and <i>_high</i>.</p> <p>If both parameters are valid, the axis type is static. If both parameters are not valid, the axis type is fully dynamic. If <i>_low</i> is valid and <i>_high</i> is invalid, the axis type is dynamic maximum. If <i>_low</i> is invalid and <i>_high</i> is valid, the axis type is dynamic minimum.</p>								
Note	The set parameters are round to meaningful values regarding the range of values and a space to display an axis. When changing value 100 to one point on y-axis, setting of the thousands is meaningless. E.g. the range of 1243.7578624..5876.2897238 can be modified to the range 1000..6000.								



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