**setgraphicxycales**

Function of setting the values of “Y-axis scale minimum” and “Y-axis scale maximum” graphic properties.

**Syntax:**

**setgraphicxscales**(*gid, num, val*);

**Arguments:**

*gid* – identifier of an object of “Graphic” type,

*num* – number of the scale of an object of “Graphic” type,

*val –* minimum and maximum value of X-axis graphic scale. Type – *complex*.

**Description:**

*setgraphicyscalesl(gid, num, val) –* function of setting value *val* of the “Y-axis scale minimum” and “Y-axis scale maximum” properties of an object of “Graphic” type by the object *gid* identifier and number of scale *num*. The object identifier can be got by means of *getgraphicid(gr\_name)* function and is provided with the type of indicator to the object. Scale number corresponds to graphic number (starting with 0) in case of multi-scale display mode. If one scale is in use then the scale number can be specified randomly. The type of argument *val* is a complex number where the real part corresponds to the minimum scale value and the imaginary part – to the maximum value.

A complex number shall be assigned by the expression *a*+*b*i, where *a* and *b* are real and imaginary number parts, accordingly.

**Result:**

None*.*

**Example:**

|  |  |
| --- | --- |
|  | //let us get graphic identifier  gid = **getgraphicid**(plot);  //let us set Y-axis scale min. and max.  val = **setgraphicyscales**(gid, 0, 0+100i); |

Execution of this example results in getting the graphic identifier and setting the minimum (0) and maximum (100) values for Y-axis graphic scale number 0.