**getgraphicyscales**

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

**Syntax:**

*val* = **getgraphicxscales**(*gid, num*);

**Arguments:**

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

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

**Description:**

*getgraphicxscalesl(gid) –* function of getting 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 returned value is a complex number where the real part corresponds to the minimum scale value and the imaginary part – to the maximum value.

**Result:**

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

**Example:**

|  |  |
| --- | --- |
|  | //let us get graphic identifier  gid = **getgraphicid**(plot);  //let us get Y-axis scale min. and max.  val = **getgraphicyscales**(gid); |

Execution of this example results in getting the graphic identifier and getting the Y-axis graphic scale minimum and maximum values.