**getprop**

Function of getting values of diagram object properties by property name

**Syntax:**

*var* = **getprop**(*id*,*"ob\_name"*);

**Arguments:**

*id* – identifier of object (diagram block or another graphical object).

*"ob\_name"* – string containing the object property name (to be framed with quotation marks since the type of data shall be string).

**Description:**

*getprop(id,"ob\_name") –* the function of getting values of diagram object properties by property name. The object identifier can be got by means of function *getobj(i)* and is provided with the type of indicator to the object. Property name is set by a string and framed with quotation marks.

**Result:**

*var –* object property value.

**Example:**

|  |  |
| --- | --- |
|  | **var** i,id;  **initialization** //original initialization  i = 1;  **while** i <= **getobjcount do begin** //for all diagram objects    id = **getobj**(i); //get the object identifier  //get the value of property tag of the object  **if getprop**(id, "tag") = 1 **then begin**  //change the value of properties  **setprop**(id,"tbl\_name",submodel.tbl\_name);  **setprop**(id,"ob\_name",submodel.ob\_name);  **end**;    i = i + 1;  **end**;  **end**; |
|  |  |

As a result of execution of the given script, property values “tbl\_name” and “ob\_name” from the same properties of the submodel (i.e., from a block, whose level is higher than the nesting level of the considered blocks) will be assigned to all blocks of the submodel, whose property tag is set by the user to 1.