**getprop**

Function of getting value of object property in a diagram by property name

**Syntax:**

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

**Arguments:**

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

*"ob\_name"* – string comprising name of object property (shall be encased with quotation marks, since data type shall feature string type).

**Description:**

*getprop(id,"ob\_name") –* function of getting value of object property in a diagram by property name. Identifier of object can be obtained by function *getobj(i)* and features a type of indicator to an object. The name of property is assigned by a string and encased with quotation marks.

**Result:**

*var –* object property value.

**Example:**

|  |  |
| --- | --- |
|  | **var** i,id;  **initialization** //entry-level initialization  i = 1;  **while** i <= **getobjcount do begin** //for all objects in diagram    id = **getobj**(i); //getting object identifier  //getting object tag property value  **if getprop**(id, "tag") = 1 **then begin**  //changing 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 fulfilling this script all the sub-model units, the tag property of which has been activated by the user in 1, will be assigned the values of properties “tbl\_name” and “ob\_name” taken from a similar sub-model properties (i.е. from the level unit higher than the level of nesting these units).