**setprop**

*Assignment of a value to the diagram object property.*

**Syntax:**

**setprop**(*id*,*"ob\_name"*,*var*);

**Arguments:**

*id* – object identifier,

*"ob\_name"* – string containing the object property name (framed with quotation marks),

*var –* a value assigned to the object property. It features the object property type.

**Description:**

*setprop(id,"ob\_name", var)* – the assignment of a value to the diagram object property. 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 (framed with quotation marks). The value assigned to an object property shall feature the object property type.

**Result:**

No returned value.

**Example:**

|  |  |
| --- | --- |
|  | **var** i,id;  **initialization** //original initialization   i = 1; **while** I <= **getobjcount do begin** //for all objects on the diagram   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.