

# COPYOBJECT

## COPYOBJECT action

Function	The action will create a copy of an object.										
Declaration	<pre>COPYOBJECT srcObject, newNameStr, aliasNewObject</pre>										
Parameters	<table><tr><td>srcObject</td><td>in</td><td><a href="#">Reference to object.</a></td></tr><tr><td>newNameStr</td><td>in</td><td><a href="#">Value identifier</a> of Text type.</td></tr><tr><td>aliasNewObject</td><td>out</td><td><a href="#">Identifier</a>, where the reference to new-created object will be inserted in.</td></tr></table>		srcObject	in	<a href="#">Reference to object.</a>	newNameStr	in	<a href="#">Value identifier</a> of Text type.	aliasNewObject	out	<a href="#">Identifier</a> , where the reference to new-created object will be inserted in.
srcObject	in	<a href="#">Reference to object.</a>									
newNameStr	in	<a href="#">Value identifier</a> of Text type.									
aliasNewObject	out	<a href="#">Identifier</a> , where the reference to new-created object will be inserted in.									
Description	<p>The source object (template object) may be an object of <a href="#">Graph</a> type. the action will copy this object under a new name, that is given by <i>newNameStr</i> parameter. New name must meet the rules for object name in the D2000. Invalid name will generate the error <code>_ERR_RANGE_ERROR</code>.</p> <p>After a successful creation of a new object, the reference to this new object is assigned to the parameter <i>aliasNewObject</i>.</p>										
Note	<p>Within <a href="#">active picture</a>, the action allows to create a temporary object copy if the parameter <i>newNameStr</i> is empty string. The temporary object copy is terminated after the picture, within the frame of which the action COPYOBJECT is called, is closed or after closing the object copy.</p> <p>Temporary object copy can be used in case that there is no need to store the copy in the configuration database. The D2000 system automatically deletes these temporary object copies if they are no longer used.</p>										
Example	<pre>ALIAS _newObject  COPYOBJECT D.Graph, "D.GraphCopy", _newObject  ; Test of the action success  IF _newObject\HBJ = 0 THEN      ; graph copy was not created  ELSE      ; graph copy was created     ; Open it in HI      OPEN _newObject ON WS_PC.HIP  ENDIF</pre>										



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