COPYOBJECT

COPYOBJECT action

Function	The action will create a copy of an object.
Declaration	`COPYOBJECT srcObject, newNameStr, aliasNewObject`

Parameters

srcObject	in	Reference to object.
newNameStr	in	Value identifier of Text type.
aliasNewObject	out	Identifier, where the reference to new-created object will be inserted in.

Description

The source object (template object) may be an object of Graph type. the action will copy this object under a new name, that is given by *newNameStr* parameter. New name must meet the rules for object name in the D2000. Invalid name will generate the error _ERR_RANGE_ERROR.

After a successful creation of a new object, the reference to this new object is assigned to the parameter *aliasNewObject*.

Note

Within active picture, the action allows to create a temporary object copy if the parameter *newNameStr* 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.
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.

Example

The example assumes the existence of the object D.Graph of **GRAPH** type.

```
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
```

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