

# RES\_GROUP\_\*

## RES\_GROUP\_INSERT, RES\_GROUP\_DELETE, RES\_GROUP\_DELETE\_ALL, RES\_GROUP\_QUERY actions

### Functions

The actions allows to control access rights in the D2000 system.

### Declaration

```
RES_GROUP_INSERT resGroup, newMember [, bWithChildren = @FALSE]

RES_GROUP_DELETE resGroup, member

RES_GROUP_DELETE_ALL resGroup

RES_GROUP_QUERY resGroup, object, _bIsMember
```

### Parameters

regGroup	in	Reference to object of <i>Object group</i> type.
newMember	in	Reference to object, that will be assigned to the Object group.
member	in	Reference to object, that will be unassigned from the Object group.
object	in	Reference to object.
bWithChildren	in	Identifier of <i>Bool</i> type - The @TRUE value includes the object in the group also with descendants. If the parameter is not specified or has the @FALSE value, the subject is not included in the group with descendants.
_bIsMember	output	Identifier of <i>Bool</i> type.

### Description

The action are used to assign (**RES\_GROUP\_INSERT**) or unassigned (**RES\_GROUP\_DELETE**) objects to/from an Object group or unassigned all objects included in an Object group (**RES\_GROUP\_DELETE\_ALL**). They allow to dynamically change the configuration of access rights when the application runs. Changes by means of the actions are written into the configuration database (restarting the application does not delete them).

The **RES\_GROUP\_QUERY** action allows to test if an object is assigned to an Object group. The return value *\_bIsMember* gets one of the following values:

- @TRUE - the object is in the group *resGroup*
- @FALSE - the object is not in the group *resGroup*
- invalid value - *resGroup* is not the reference to an object of *Object group* type

### Example

The example assumes existence of the object SK of *Object group* type.

```
BOOL _bIsMember

RES_GROUP_QUERY SK, SysTime, _bIsMember
IF _bIsMember\VLD THEN
  IF _bIsMember THEN
    ; the object SysTime is in the group SK
    ; remove from the group
    RES_GROUP_DELETE SK, SysTime
  ELSE
    ; the object SysTime is not in the group SK
    ; assign to the group
    RES_GROUP_INSERT SK, SysTime
  ENDIF
ELSE
  ; invalid parameters
ENDIF
```

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