LST_CREATE

LST_CREATE actions

Function

Action creates a list of objects according to entered criteria.

Declaration

```
 LST_CREATE mask, objType, logGroup, sortBy, lines, h, data[, relation,
object]
```

Parameters

mask	in	Identifier of *String* type - loads only those object which has the attribute "Name" complying with mask. If symbol "*" is in the mask, objects are included into list regardless of their name ("Name" attribute).
objType	in	Identifier of *Int* type - defines a type of objects which will be included into list (selection the one of predefined constants with prefix **@OTYPE_***). If constant **@OTYPE_ALL_TYPES** has been chosen, objects of all types are included into list. If constant **@OTYPE_ALL_ALARMS** has been chosen, objects of all types with possible alarm state are included into list.
logGroup	in	Reference to object - if current value of parameter is non-associated alias, the parameter does not take into account. If parameter contains the reference to real object in system, only objects, belonging to entered logical group, will be included into list.
sortBy	in	Identifier of *Int* type - defines a way to sort the objects in list (selection the one of predefined constants with prefix **@SORT_LIST_***).
lines	in	Identifier of *Int* type - maximum number of rows which will be written into **data**. It represents number of rows on one page. Maximum rows can be 1000.
h	out	Identifier of *Int* type - unique handle on created list of objects. If the handle is 0, some error occurred at list creating.
data	out	Identifier of the whole local structure SD._System_ObjectInfo or other structure definition consisting of the same column count and types. Types and meaning of columns: ID — Integer NAME — Text DESC — Text TYPE — Integer ROW — Integer COLS — Integer PARENT — Integer It is possible to use a structure extended by 2 more columns with their types and meanings: UUID — Text ModifyTime — Absolute time
relation	in	Identifier of *Int* type - defines the relationship among all objects in list in regard to object characterized by parameter *object*. Value of parameter must be defined by value of some of the constants REL_*. If the parameter has value REL_NONE or REL_NOTUSED, object defined by parameter *object* is ignored.
object	in	Reference to optional object - relative object.

Description

Action creates the list of objects according to entered criteria. If the handle is 0, some error occurred at list creating.
The list belongs to a running scrip instance and it cannot be shared among various scripts. The list terminates together with script ending or by LST_CLOSE action.

Note

It is able to access the current values of objects that are loaded within the *current* page by the actions LST_CREATE, LST_GO_NEXT, ... The action ON CHANGE reacts to changes in object values. When the list is closed, or when page number is changed, only the most recent values are accessible and the ON CHANGE action stops responding to value changes.

Example

```
; Spracovanie zmeny hodnoty
PROCEDURE ChangeProc(IN INT _v, IN ALIAS _a, IN INT _row, _col)
  _c := _v
END ChangeProc

INT _h   ; identifikátor zonamu
INT _hbj ; identifikátor prvého objektu zo stránky

ENTRY GO_OnClick
  ALIAS _a
  RECORD NOALIAS (SD._System_ObjectInfo) _data

  ; otvorenie zoznamu a naítanie prvej stránky
  LST_CREATE "Sec", @OTYPE_ALL_TYPES, (0), @SORT_LIST_NAME, 1000, _h, _data

  ; Prístup k aktuálnej hodnote objektu zo stránky
  _hbj := _data[1]^ID
  SET _a AS (_hbj)
  _value := _a
  ; Registrácia procedúry
  ON CHANGE (_hbj) GOTO ChangeProc
END GO_OnClick

; zatvorenie zoznamu
ENTRY GO_CLOSE_OnClick
  LST_CLOSE  _h
END GO_CLOSE_OnClick
```

Work with list of objects (LST... actions).

Related pages:

Script actions