

AdoScript MessagePorts and Commands

General AdoScript Commands

GC	LEO
EXECUTE	IF ELSIF ELSE
SEND	WHILE
SYSTEM	FOR
START	BREAK
CALL	NEXT
SET	EXIT
SETL	FUNCTION
SETG	PROCEDURE

MessagePort "Analysis"

RUN_ANALYTIC_EVALUATION
EXEC_ANALYTIC_EVALUATION_START_DLG

MessagePort "AdoScript"

Browser

BROWSER
EDIT_BROWSER
Conversions:
LEO_TO_XML

Files

COPY_FILES
DB_FILE_LIST
DELETE_FILES
DIRECTORY_DIALOG
DIR_CREATE
DIR_LIST
DIR_REMOVE
FILE_COPY
FILE_DELETE
FILE_DIALOG
FILE_EXISTS
FREAD
FWRITE
GET_CWD
GET_TEMP_FILENAME
IS_DIR_EMPTY
MOVE_FILES
SET_CWD

Output Window

CREATE_OUTPUT_WIN
OUT
SET_OUTPUT_WIN_SUBTITLE
SET_OUT_MAX_LINE_COUNT

Web Service

SERVICE

Percentage Window

PERCWIN_CREATE
PERCWIN_DESTROY
PERCWIN_IS_CANCELED
PERCWIN_SET

Simple UI

EDITFIELD
INFOBOX
LISTBOX
MLISTBOX
MSGWIN
QUERYBOX
ERRORBOX
WARNINGBOX
VIEWBOX
TreeListBox
TLB_CREATE
TLB_ADD_BUTTON
TLB_EXPAND
TLB_EXPAND_ALL
TLB_EXPAND_TO
TLB_INSERT
TLB_REMOVE
TLB_SELECT
TLB_SELECT_ALL
TLB_SHOW

Sleep

SLEEP

Type Checking

SET_MP_TYPE_CHECKING

MessagePort "Evaluation"

EXEC_DYNAMIC_EVAL_MODULE_DLG
EXEC_DYNAMIC_EVAL_START_DLG
LOCK_SHELL
UNLOCK_SHELL
RUN_DYNAMIC_EVALUATION

MessagePort "AQL"

CHECK_AQL_EXPRESSION
EVAL_AQL_EXPRESSION

MessagePort "Explorer"

GET_SELECTED_MODELS
SET_EXPLORER_UPDATEMODE

MessagePort "DB"

GET_ALL_DATES_OF_LAST_CHANGE
GET_ALL_REFERENCED_MODELS_DB
GET_ATTR_VAL_DB
GET_DATE_OF_LAST_CHANGE
GET_DBMS
GET_MODEL_LIST_CHANGE_COUNT
GET_DBSERVER_TIMESTAMP

MessagePort "Application"

Actions

INSERT_CONTEXT_MENU_ITEM
INSERT_ICON
REMOVE_CONTEXT_MENU_ITEM
REMOVE_MENU_ITEM
SET_CMI_SELECT_HDL
SET_ICON_CHECKED
SET_ICON_CLICK_HDL
SET_ICON_VISIBLE
SET_MENU_ITEM_CHECKED
SET_MENU_ITEM_HDL
GET_DB_NAME
GET_MAX_USER_COUNT
GET_VERSION

Components

DISABLE_COMP
ENABLE_COMP
EXEC_COMP_POPUP
EXEC_ACTIVE_COMP
GET_COMP_ENABLED
SET_ACTIVE_COMP

Configuration

GET_ACCESS_PERM
GET_CUSTOMER_NUMBER

Exit

CLOSE
EXIT

Messaging System

MARK_MESSAGES_UNREAD
MESSAGE_DELETE
MESSAGE_SEARCH
MESSAGE_SEND

Status Bar

SET_STATUS

User

GET_ONLINE SINCE
GET_USER
GET_USER_DISPLAYNAME

Misc

EXEC_PRTSETUP_DLG
GET_DATE_TIME
GET_PATH
GET_SCREEN_RES

MessagePort "CoreUI"

Attribute Profiles

ATTRPROF_SELECT_BOX
Colors in the Tabular Representation
RESET_OBJ_BACKGROUND objid:
RESET_OBJ_FOREGROUND objid:
SET_OBJ_BACKGROUND
SET_OBJ_FOREGROUND
Model Select Box
MODEL_SELECT_BOX
Model Type Filter
EXEC_MT_FILTER_DLG

MessagePort "Simulation"

CHECK_ALL_TRANSITION_CONDITIONS
GET_TIME_BASE
EXEC_PATH_ANALYSIS_DLG
RUN_PATH_ANALYSIS
EXEC_VOLUME_ANALYSIS_DLG
RUN_VOLUME_ANALYSIS
EXEC_STEADY_WORKLOAD_ANALYSIS_DLG
EXEC_FIXED_WORKLOAD_ANALYSIS_DLG

MessagePort "ImportExport"

ADL
ADL_IMPORT
ADL_IMPORT_APPMODELS
ADL_EXPORT
ADL_EXPORT_APPMODELS
Dialogues
SHOW_IMPORT_START_DLG
SHOW_IMPORT_SELECT_DLG
SHOW_EXPORT_DLG
EXEC_ADL_IMPORT_DLG
EXEC_ADL_EXPORT_DLG
UDL (Development Toolkit only)
UDL_IMPORT
UDL_EXPORT

MessagePort "Drawing"

CHECK_POSITIONS_IN_VARIANT
CREATE_LAYOUT_ALGORITHM
DELETE_LAYOUT_ALGORITHM
EXCLUDE_FROM_ACTIVE_VARIANT
EXEC_LAYOUT_ALGORITHM
GEN_CLASS_ICON_STR
GEN_GFX_FILE
GEN_GFX_STR
GEN_MODELTYPE_ICON_STR
GET_ACTIVE_VARIANT
GET_VARIANTS_OF_MODELTYPE
INCLUDE_INTO_ACTIVE_VARIANT
IS_INCLUDED_IN_ACTIVE_VARIANT
SET_ACTIVE_VARIANT
SET_CONNECTOR_REP

MessagePort "Documentation"

ACFILTER_DISABLE
ACFILTER_ENABLE
ACFILTER_GFX_DISABLE
ACFILTER_GFX_ENABLE
ACFILTER_GFX_IS_ENABLED
ACFILTER_IS_ENABLED
DOCU_EXPORT
EXEC_ACFILTER
EXEC_EXPORTDIALOG
NEW_DOCU_EXPORT
EXEC_MENUENTRY
EXEC_OPTIONSDIALOG
RESET_SILENT_MODES
USERSETTINGS_RESTORE_FROM_DB
USERSETTINGS_SAVE_TO_DB
USERSETTINGS_SET_TO_DEFAULT
XML_ADD_CALLBACK
XML_BREAK
XML_CLOSE
XML_DISPLAY_ERROR
XML_FIND_NODE
XML_GET_ATTRIBUTE
XML_GET_CHILD_NODE
XML_GET_NAME
XML_GET_NOTEBOOK_ATTRIBUTES
XML_GET_PARENT_NODE
XML_GET_VALUE
XML_HOLD_NODE
XML_MODEL_DOCU
XML_MODELGROUP_STRUCTURE_OF_USER
XML_MODELS
XML_OPEN
XML_PARSE
XML_RELEASE
XML_SET_SCRIPT
XML_TOC_FOR_USER_ID
XML_VALIDATE
XML_WRITE_ATTRIBUTE
XML_WRITE_CONTENT
XML_WRITE_END_NODE
XML_WRITE_PLAIN
XML_WRITE_START_NODE

MessagePort "Modeling"

Modelling Component
NUMBER_MODEL
RESET_NUMBERING
Active Model
ACTIVATE_MODEL
GET_ACTIVE_MODEL (with SEND)
GET_ACT_MODEL
CLEAR_UNDO_REDO
CLOSE
CLOSE_ALL
CREATE_WINDOW_FOR_LOADED_MODEL
EXEC_NEW_DLG
GET_ALL_MODIFIED
GET_MODIFIED_COUNT
GET_OPENED_MODELS
IS_OPENED
OPEN
SAVE
SAVE_ALL
SET_MODIFIED
Print
EXEC_PRINT_DLG
Cardinalities
CHECK_CARDINALITIES
Representation
GET_REPRESENTATION
SET_REPRESENTATION
Modes
GET_ALL_VIEW_MODES
GET_VIEW_MODE
GET_VISIBLE_CLASSES
GET_VISIBLE_RELATIONS
SET_VIEW_MODE

Drawing Area

COMPUTE_REGION_IMAGE_MAP
DYE
UNDYE
UNDYE_ALL
EXEC_GFX_DLG
GENERATE_GFX
GEN_GFX_FILE
GEN_GFX_STR
GET_DRAWING_AREA_SIZE
GET_GFX_SELECTED_AREA
GET_OBJECTS_WITHIN_AREA
GET_NEXT_SWIMLANE
GET_PREV_SWIMLANE
GET_VISIBLE_AREA
GET_ZOOM_FACTOR
REMOVE_GFX_SELECTED_AREA
SET_CONNECTOR_MARKS
SET_DRAWING_AREA_MIN_SIZE
SET_DRAWING_AREA_SIZE
SET_FOCUS_NODE
SET_GFX_SELECTED_AREA
SET_LAYOUT
SET_ZOOM_FACTOR
Object Selection
DESELECT
DESELECT_ALL
FIND
GET_SELECTED
SELECT
SELECT_ALL
SET_ATTR_ACCESS_MODE

Objects

COPY_SELECTED
CUT_SELECTED
PASTE
ALIGN_SELECTED
RUN_MODEL_NUMBERING
RUN_NAME_GENERATION
SET_OBJ_POS
SET_OBJ_VISIBLE
SET_ALL_OBJS_VISIBLE
SET_MOUSE_ACCESS
SET_COLOR_REPRESENTATION
Notebook
CLOSE_ALL_NOTEBOOKS
CLOSE_NOTEBOOK
EXEC_NOTEBOOK
GET_NOTEBOOK_POS_SIZE
REFRESH_PROFILEREF
SET_NOTEBOOK_POS
SET_NOTEBOOK_SIZE
SHOW_NOTEBOOK_CHAPTER
Autosave
GET_AUTOSAVE
SET_AUTOSAVE
Window
GET_MAX_MODEL_WINDOW_SIZE
GET_WINDOW_POS_SIZE
GET_WINDOW_STATE
MINIMIZE_ALL
SET_WINDOW_POS
SET_WINDOW_SIZE
SET_WINDOW_STATE

MessagePort "Core"

Model Groups
COPY_MODELGROUP_REFERENCE
CREATE_MODELGROUP
DELETE_MODELGROUP
DELETE_MODELGROUP_REFERENCE
GET_MODELGROUPS_OF_MODELTHREAD
GET_MODELGROUPS_OF_MODELVERSION
GET_MODELGROUP_ACCESS
GET_MODELGROUP_CHILDREN
GET_MODELGROUP_ID
GET_MODELGROUP_MODELS
GET_MODELGROUP_NAME
GET_MODELGROUP_PARENT
GET_MODELGROUP_REFERENCES
GET_MODELGROUP_REFERENCE_THREAD
GET_ROOT_MODELGROUP_ID
MOVE_MODELGROUP_REFERENCE
SET_MODELGROUP_ACCESS
SET_MODELGROUP_NAME
UPDATE_MODEL_LIST
UPDATE_SINGLE_MODEL
Models
CREATE_MODEL
DELETE_MODEL
DISCARD_MODEL
GET_ACCESS_MODE
GET_ALL_MODEL_THREADS
GET_ALL_MODEL_VERSIONS
GET_ALL_MODEL_VERSIONS_OF_THREAD
GET_MODEL_BASENAME
GET_MODEL_CHANGE_COUNTER
GET_MODEL_HIERARCHY
GET_MODEL_ID
GET_MODEL_INFO
GET_MODEL_MODELTYPE
GET_MODEL_THREAD_OF_VERSION
GET_MODEL_VERSION
IS_MODEL_LOADED
LOAD_MODEL
RENAME_MODEL
SAVE_MODEL
SAVE_MODEL_AS
SET_CHECK_ACCESS_STATE
SET_MODEL_ACCESS_MODE

Application Models

CREATE_APP_MODEL
GET_ALL_APPMODEL_IDS
GET_APPMODEL_ID
GET_APPMODEL_INFO
Classes
GET_CLASS_ID
GET_CLASS_NAME
Objects and Connectors
CONVERT_OBJ
CREATE_CONNECTOR
CREATE_OBJ
DELETE_CONNECTOR
DELETE_OBJ
DELETE_OBJS
DELETE_OBJS
GET_ALL_CONNECTORS
GET_ALL_OBJS
GET_ALL_OBJS_OF_CLASSID
GET_ALL_OBJS_OF_CLASSNAME
GET_ALL_OBJS_WITH_ATTR_VAL
GET_CONNECTORS
GET_CONNECTOR_ENDPOINTS
GET_OBJ_ID
GET_OBJ_NAME
LOCK_OBJECT
UNLOCK_OBJECT
Attributes
GET_ALL_ATTRS
GET_ALL_ATTRS_OF_TYPE
GET_ALL_NB_ATTRS
GET_ATTR_ID
GET_ATTR_NAME
GET_ATTR_TYPE
GET_ATTR_VAL
GET_FACET_ENUMERATIONDOMAIN
GET_FACET_VAL
SET_ATTR_VAL
SET_FACET_VAL
Records
ADD_REC_ROW
GET_ALL_REC_ATTR_ROW_IDS
GET_OWNER_OBJ_OF_REC_ROW
GET_RECORD_MULTPLICITY
GET_REC_ATTR_ROW_COUNT
GET_REC_ATTR_ROW_ID
GET_REC_CLASS_ID
MOVE_RECORD_ROW
REMOVE_REC_ROW

Interrefs

ADD_INTERREF
GET_ALL_REFERENCING_MODELS
GET_DANGLING_INTERREFS
GET_DANGLING_INTERREFS_OF_AP
GET_INCOMING_INTERREFS
GET_INTERREF
GET_INTERREF_COUNT
GET_INTERREF_TYPE
GET_REFERENCED_MODELS
MOVE_INCOMING_INTERREFS
MOVE_MODEL_INCOMING_INTERREFS
IGNORE_NONMOVABLE
QUERY_NON_MOVABLE_MODEL
INCOMING_INTERREFS
REMOVE_ALL_INTERREFS
REMOVE_INTERREF
Attribute Profiles
CREATE_ATTRPROF_DIRECTORY
CREATE_ATTRPROF_VERSION
CREATE_ATTRPROF_VERSION_EXT
DELETE_ATTRPROF_DIRECTORY
DELETE_ATTRPROF_THREAD
DELETE_ATTRPROF_VERSION
GET_ALL_ATTRPROFS_IN_MODEL
GET_ALL_ATTRPROF_SUBDIRS
GET_ALL_ATTRPROF_THREADS_IN_DIR
GET_ALL_ATTRPROF_VERSIONS_OF_THREAD
GET_ATTRPROFCLASS_ID
GET_ATTRPROFCLASS_OF_ATTR
GET_ATTRPROF_CLASS_OF_THREAD
GET_ATTRPROF_CLASS_OF_VERSION
GET_ATTRPROF_DIRECTORY_NAME
GET_ATTRPROF_SUPERDIR
GET_ATTRPROF_THREAD_ID_OF_NAME
GET_ATTRPROF_THREAD_NAME
GET_ATTRPROF_THREAD_OF_VERSION
GET_ATTRPROF_VERSIONSTRING
GET_ATTRPROF_VERSION_USAGE
GET_REFERENCED_ATTRPROF_VERSION_ID
GET_ROOT_ATTRPROFDIR_ID
IS_ATTRPROF_CLASS
IS_ATTRPROF_THREAD
IS_ATTRPROF_VERSION
RENAME_ATTRPROF_DIRECTORY
RENAME_ATTRPROF_THREAD
UPDATE_ALL_ATTRPROFS
UPDATE_SINGLE_ATTRPROF

Expressions

EVAL_EXPRESSION
GET_EXPR_TEXT
SET_EXPR_TEXT
GET_EXPR_UPDATE
SET_EXPR_UPDATE
UPDATE_ALL_EXPR_ATTRS
UPDATE_EXPR_ATTRS
Programcall
EXECUTE_PROGRAMCALL
Libraries
GET_CURRENT_LIBS
IS_VERSIONING_ENABLED
DISCARD_LIB
GET_ALL_APPLIBS
GET_LIB_ID
GET_LIB_NAME
LOAD_LIB
SAVE_LIBRARY
Model Types
GET_ALL_CLASSES_OF_MODE
GET_ALL_MODELTYPES
GET_ALL_MODES_OF_MODEL_TYPE
Users
GET_USER_PREFERENCES
SET_USER_PREFERENCES
Error Codes
ECODE_TO_ERRTEXT
Copy Buffers
CREATE_COPYBUFFER
DELETE_COPYBUFFER
FILL_COPYBUFFER
PASTE_COPYBUFFER
Miscellaneous
GET_ENV_STRING
GET_OS_INFO
GET_PRODUCT_VERSION
SET_ENV_STRING

MessagePort "UserMgt"

For both ADOxx toolkits

GET_ALL_SYSUSERGROUPS
GET_ALL_SYSUSER_IDS
GET_ALL_USERGROUPS
GET_ALL_USERGROUPS_OF_CURRENT_SYSUSER
GET_ALL_USERGROUPS_OF_CURRENT_USER
GET_ALL_USERGROUPS_OF_SYSUSER
GET_ALL_USERGROUPS_OF_USER
GET_ALL_USERS
GET_ALL_USERS_OF_SYSUSERGROUP
GET_ALL_USERS_OF_USERGROUP
GET_SYSUSERGROUP_ACCESS_STR
GET_SYSUSERGROUP_ID
GET_SYSUSER_ACCESS_STR
GET_SYSUSER_ID
GET_SYSUSER_SETTINGS
GET_USERGROUP_ID
GET_USER_ACCESS_STR
GET_USER_ID
GET_USER_SETTINGS
USER_SELECT_BOX
VERIFY_PASSWORD
For both ADOxx toolkits, admin-users only
ACTIVATE_READONLY_COMMANDS_FOR_BPMTK
ADD_SYSUSERS_TO_GROUPS
ADD_USERS_TO_GROUPS
CHANGE_SYSUSER_SETTINGS
CHANGE_USER_SETTINGS
CREATE_SYSUSER
CREATE_USER
REMOVE_SYSUSERS_FROM_GROUPS
REMOVE_USERS_FROM_GROUP
SET_SYSUSER_ACCESS_STR
SET_USER_ACCESS_STR
Commands only for the ADOxx Development Toolkit
BALANCE_SYSUSERGROUPS
CREATE_SYSUSERGROUP
CREATE_USERGROUP
DELETE_SYSUSERGROUPS
DELETE_SYSUSERS
DELETE_USER
DELETE_USERGROUPS
DELETE_USERS
GET_USERGROUP_ACCESS_STR
SET_SYSUSERGROUP_ACCESS_STR
SET_USERGROUP_ACCESS_STR