

RunCommand

The absence of Macro Recorder in LibO/AOO Base and the lack of documentation makes the use of the numerous commands available in the software very difficult. The current help page tries to compensate partially this handicap.

tags:
[Actions](#)

The *RunCommand* action executes the command given as argument.

Combined with the [SelectObject](#) action it enhances significantly the automation capabilities of applications using the *Access2Base* API.

Applies to ...

Object	Description
DoCmd	Root class. When present, its name must be "DoCmd" but the object name is optional.

Syntax

[DoCmd .] RunCommand (Command)

Argument	Optional	Type	Description	Returned Value
Command	No	String Integer, Long	If numeric the Command is selected by using the VBA denomination. If the Type is a String, the LibO/AOO command-name is expected	Always returns True

Commands List

LibO/AOO Command	VBA Equivalent	Context(s)	Short description
"About"	acCmdAboutMicrosoftAccess	Any	About OpenOffice.org/LibreOffice
	acCmdAboutOpenOffice	Any	About OpenOffice.org/LibreOffice
	acCmdAboutLibreOffice	Any	About OpenOffice.org/LibreOffice
"ActiveHelp"		Any	Extended Tips
"AddDirect"		Any	New
"AddField"		acForm (Design mode)	Add Field
"AutoControlFocus"		acForm (Design mode)	Automatic Control Focus
"AutoFilter"		acTable	AutoFilter
"AutoPilotAddressDataSource"		Any	AutoPilot: Address Data Source
"BasicBreak"		Any	Interrupt Macro
"BasicIDEAppear"	acCmdVisualBasicEditor	Any	Edit Macros
"BasicStop"		acBasicIDE	Stop Macro

"BringToFront"	acCmdBringToFront	Any	Bring to Front
"CheckBox"		acForm (Design mode)	Check Box
"ChooseMacro"		acBasicIDE	Select Macro
"CloseDoc"	acCmdClose	Any	Close
"CloseWin"		Any	Close Window
"ConfigureDialog"	acCmdToolbarsCustomize	Any	Customize
"ControlProperties"		Controls	Control
"ConvertToButton"	acCmdChangeToCommandButton	Controls	Replace with Button
"ConvertToCheckBox"	acCmdChangeToCheckBox	Controls	Replace with Check Box
"ConvertToCombo"	acCmdChangeToComboBox	Controls	Replace with Combo Box
"ConvertToCurrency"		Controls	Replace with Currency Field
"ConvertToDate"		Controls	Replace with Date Field
"ConvertToEdit"	acCmdChangeToTextBox	Controls	Replace with Text Box
"ConvertToFileControl"		Controls	Replace with File Selection
"ConvertToFixed"	acCmdChangeToLabel	Controls	Replace with Label Field
"ConvertToFormatted"		Controls	Replace with Formatted Field
"ConvertToGroup"		Controls	Replace with Group Box
"ConvertToImageButton"		Controls	Replace with Image Button
"ConvertToImageControl"	acCmdChangeToImage	Controls	Replace with Image Control
"ConvertToList"	acCmdChangeToListBox	Controls	Replace with List Box
"ConvertToNavigationBar"		Controls	Replace with Navigation Bar
"ConvertToNumeric"		Controls	Replace with Numerical Field
"ConvertToPattern"		Controls	Replace with Pattern Field
"ConvertToRadio"	acCmdChangeToOptionButton	Controls	Replace with Radio Button
"ConvertToScrollBar"		Controls	Replace with Scrollbar
"ConvertToSpinButton"		Controls	Replace with Spin Button
"ConvertToTime"		Controls	Replace with Time Field
"Copy"	acCmdCopy	Any	Copy
"CurrencyField"		acForm (Design mode)	Currency Field
"Cut"	acCmdCut	Any	Cut
"DateField"		acForm (Design mode)	Date Field
"DBAddRelation"	acCmdCreateRelationship	acDiagram	New Relation ...
"DBConvertToView"		acDatabaseWindow (Queries)	Create as View
"DBDelete"	acCmdDelete	acDatabaseWindow	Delete
"DBDirectSQL"		acDatabaseWindow	SQL ...
"DBDSAdvancedSettings"		acDatabaseWindow	Advanced Settings ...
"DBDSConnectionType"		acDatabaseWindow	Connection Type ...

"DBDSProperties"	acCmdDatabaseProperties	acDatabaseWindow	Properties ...
"DBEdit"		acDatabaseWindow	Edit ...
"DBEditSqlView"	acCmdSQLView	acDatabaseWindow (Queries)	Edit in SQL View ...
"DBFormDelete"	acCmdRemove	acDatabaseWindow (Forms)	Delete
"DBFormEdit"	acCmdDesignView	acDatabaseWindow (Forms)	Edit ...
"DBFormOpen"	acCmdFormView	acDatabaseWindow (Forms)	Open Database Object ...
"DBFormRename"		acDatabaseWindow (Forms)	Rename ...
"DBNewForm"	acCmdNewObjectForm	acDatabaseWindow (Forms)	Form ...
"DBNewFormAutoPilot"		acDatabaseWindow (Forms)	Form Wizard ...
"DBNewQuery"		acDatabaseWindow (Queries)	Query (Design View) ...
"DBNewQueryAutoPilot"		acDatabaseWindow (Queries)	Query Wizard ...
"DBNewQuerySql"		acDatabaseWindow (Queries)	Query (SQL View) ...
"DBNewReport"		acDatabaseWindow (Reports)	Report ...
"DBNewReportAutoPilot"		acDatabaseWindow (Reports)	Report Wizard ...
"DBNewTable"	acCmdNewObjectTable	acDatabaseWindow (Tables)	Table Design ...
"DBNewTableAutoPilot"		acDatabaseWindow (Tables)	Table Wizard ...
"DBNewView"	acCmdNewObjectView	acDatabaseWindow (Tables)	View Design ...
"DBNewViewSQL"		acDatabaseWindow (Tables)	View (Simple) ...
"DBOpen"	acCmdOpenDatabase	acDatabaseWindow	Open Database Object ...
"DBQueryDelete"	acCmdRemove	acDatabaseWindow (Queries)	Delete
"DBQueryEdit"	acCmdDesignView	acDatabaseWindow (Queries)	Edit ...
"DBQueryOpen"	acCmdNewObjectQuery	acDatabaseWindow (Queries)	Open Database Object ...
"DBQueryRename"		acDatabaseWindow (Queries)	Rename ...
"DBRefreshTables"		acDatabaseWindow	Refresh Tables
"DBRelationDesign"	acCmdShowAllRelationships	acDatabaseWindow	Relationships ...
"DBRename"		acDatabaseWindow	Rename ...
"DBReportDelete"	acCmdRemove	acDatabaseWindow (Reports)	Delete

"DBReportEdit"	acCmdDesignView	acDatabaseWindow (Reports)	Edit ...
"DBReportOpen"	acCmdNewObjectReport	acDatabaseWindow (Reports)	Open Database Object ...
"DBReportRename"		acDatabaseWindow (Reports)	Rename ...
"DBSelectAll"	acCmdSelectAll	acDatabaseWindow	Select All
"DBShowDocInfoPreview"		acDatabaseWindow	Document Information
"DBShowDocPreview"		acDatabaseWindow	Document
"DBTableDelete"	acCmdRemoveTable	acDatabaseWindow (Tables)	Delete
"DBTableEdit"	acCmdDesignView	acDatabaseWindow (Tables)	Edit ...
"DBTableFilter"		acDatabaseWindow (Tables)	Table Filter ...
"DBTableOpen"	acCmdOpenTable	acDatabaseWindow (Tables)	Open Database Object ...
"DBTableRename"	acCmdRename	acDatabaseWindow (Tables)	Rename ...
"DBUserAdmin"		acDatabaseWindow	User Administration ...
"DBViewForms"		acDatabaseWindow	Forms
"DBViewQueries"		acDatabaseWindow	Queries
"DBViewReports"		acDatabaseWindow	Reports
"DBViewTables"		acDatabaseWindow	Tables
"Delete"	acCmdDelete	Any	Delete Contents
"DeleteRecord"	acCmdDeleteRecord	acForm	Delete Record
"DesignerDialog"		acForm (Design mode)	Styles and Formatting
"Edit"		acForm (Design mode)	Text Box
"FirstRecord"		acForm	First Record
"FontDialog"		acForm (Design mode)	Character
"FontHeight"		acForm (Design mode)	Font Size
"FormattedField"		acForm (Design mode)	Formatted Field
"FormFilter"		acForm	Form-Based Filters
"FormFiltered"	acCmdApplyFilterSort	acForm	Apply Filter
"FormFilterExecute"		acForm	Apply Form-Based Filter
"FormFilterExit"		acForm	Close
"FormFilterNavigator"		acForm	Filter Navigation
"FormProperties"		acForm (Design mode)	Form
"FullScreen"		acForm	Full Screen
"Gallery"		acForm	Gallery

"Grid"		acForm (Design mode)	Table Control
"GridUse"	acCmdSnapToGrid	acForm (Design mode)	Snap to Grid
"GridVisible"	acCmdViewGrid	acForm (Design mode)	Display Grid
"GroupBox"		acForm (Design mode)	Group Box
"HelpIndex"		Any	OpenOffice.org Help
"HelpSupport"		Any	Support
"HyperlinkDialog"	acCmdInsertHyperlink	acForm (Design mode)	Hyperlink
"Imagebutton"		acForm (Design mode)	Image Button
"ImageControl"		acForm (Design mode)	Image Control
"Label"		acForm (Design mode)	Label Field
"LastRecord"	acCmdMaximumRecords	acForm	Last Record
"ListBox"		acForm (Design mode)	List Box
"MacroDialog"		Any	OpenOffice.org Basic
"MacroOrganizer"		Any	OpenOffice.org Basic Macro Organizer
"MoreControls"		acForm (Design mode)	More Controls
"NavigationBar"		acForm (Design mode)	Navigation Bar
"Navigator"	acCmdObjectBrowser	acForm (Design mode)	Navigator
"NewDoc"		Any	New Document From Template
"NewRecord"		acForm	New Record
"NextRecord"		acForm	Next Record
"NumericField"		acForm (Design mode)	Numerical Field
"Open"		Any	Open
"OptionsTreeDialog"		Any	Options
"Organizer"		Any	Organize
"ParagraphDialog"		acForm (Design mode)	Paragraph
"Paste"	acCmdPaste	Any	Paste
"PasteSpecial"	acCmdPasteSpecial	acForm (Design mode)	Paste Special ...
"PatternField"		acForm (Design mode)	Pattern Field
"PrevRecord"		acForm	Previous Record

"Print"	acCmdPrint	acForm, acReport (normal and design modes)	Print
"PrintDefault"		acForm, acReport (normal and design modes)	Print File Directly
"PrinterSetup"		acForm, acReport (normal and design modes)	Printer Settings
"PrintPreview"	acCmdPrintPreview	acForm, acReport (normal and design modes)	Page Preview
"Pushbutton"		acForm (Design mode)	Push Button
"Quit"		acDatabaseWindow	Exit
"RadioButton"		acForm (Design mode)	Option Button
"RecSave"	acCmdSaveRecord	acForm	Save Record
"RecSearch"	acCmdFind	acForm	Find Record
"RecUndo"	acCmdUndo	acForm	Undo: Data entry
"Refresh"	acCmdRefresh	acForm, acTable, acQuery	Refresh
"Reload"		Any	Reload
"RemoveFilterSort"	acCmdRemoveFilterSort	acForm	Remove Filter/Sort
"RunMacro"	acCmdRunMacro	Any	Run Macro
"Save"	acCmdSave	Any	Save
"SaveAll"		Any	Save All
"SaveAs"	acCmdSaveAs	Any	Save As
"SaveBasicAs"		acBasicIDE	Save BASIC
"ScriptOrganizer"		Any	Organize Macros
"ScrollBar"		acForm (Design mode)	Scrollbar
"SearchDialog"	acCmdFind	acForm	Find & Replace
"SelectAll"	acCmdSelectAll	Any	Select All
	acCmdSelectAllRecords	Any	Select All
"SendToBack"	acCmdSendToBack	Any	Send to Back
"ShowFmExplorer"		acForm (Design mode)	Form Navigator
"Sidebar"		acForm	Toggle sidebar
"SortDown"	acCmdSortDescending	acForm, acTable, acQuery	Sort Descending
"Sortup"	acCmdSortAscending	acForm, acTable, acQuery	Sort Ascending
"SpinButton"		acForm (Design mode)	Spin Button
"StatusBarVisible"		Any	Status Bar
"SwitchControlDesignMode"		acForm (Design mode)	Design Mode On/Off

"TabDialog"	acCmdTabOrder	acForm (Design mode)	Activation Order
"UseWizards"		acForm (Design mode)	Wizards On/Off
"VersionDialog"		acForm (Design mode)	Versions
"ViewDataSourceBrowser"		acForm	Data Sources
"ViewFormAsGrid"	acCmdDatasheetView	acForm	Data source as Table
"Zoom"	acCmdZoomSelection		Zoom

The (VBA) symbolic constants can be included in your code by copying and pasting next lines:

```
Const acDiagram = 8
Const acForm = 2
Const acQuery = 1
Const acReport = 3
Const acTable = 0

Const acBasicIDE = 101
Const acDatabaseWindow = 102
```

and, or ...

```
Const acCmdAboutMicrosoftAccess = 35
Const acCmdAboutOpenOffice = 35
Const acCmdAboutLibreOffice = 35
Const acCmdVisualBasicEditor = 525
Const acCmdBringToFront = 52
Const acCmdClose = 58
Const acCmdToolbarsCustomize = 165
Const acCmdChangeToCommandButton = 501
Const acCmdChangeToCheckBox = 231
Const acCmdChangeToComboBox = 230
Const acCmdChangeToTextBox = 227
Const acCmdChangeToLabel = 228
Const acCmdChangeToImage = 234
Const acCmdChangeToListBox = 229
Const acCmdChangeToOptionButton = 233
Const acCmdCopy = 190
Const acCmdCut = 189
Const acCmdCreateRelationship = 150
Const acCmdDelete = 337
Const acCmdDatabaseProperties = 256
Const acCmdSQLView = 184
Const acCmdRemove = 366
Const acCmdDesignView = 183
Const acCmdFormView = 281
Const acCmdNewObjectForm = 136
Const acCmdNewObjectTable = 134
Const acCmdNewObjectView = 350
Const acCmdOpenDatabase = 25
Const acCmdRemove = 366
Const acCmdDesignView = 183
Const acCmdNewObjectQuery = 135
Const acCmdShowAllRelationships = 149
Const acCmdRemove = 366
Const acCmdDesignView = 183
Const acCmdNewObjectReport = 137
Const acCmdSelectAll = 333
```

```

Const acCmdRemoveTable = 84
Const acCmdDesignView = 183
Const acCmdOpenTable = 221
Const acCmdRename = 143
Const acCmdDelete = 337
Const acCmdDeleteRecord = 223
Const acCmdApplyFilterSort = 93
Const acCmdSnapToGrid = 62
Const acCmdViewGrid = 63
Const acCmdInsertHyperlink = 259
Const acCmdMaximumRecords = 508
Const acCmdObjectBrowser = 200
Const acCmdPaste = 191
Const acCmdPasteSpecial = 64
Const acCmdPrint = 340
Const acCmdPrintPreview = 54
Const acCmdSaveRecord = 97
Const acCmdFind = 30
Const acCmdUndo = 292
Const acCmdRefresh = 18
Const acCmdRemoveFilterSort = 144
Const acCmdRunMacro = 31
Const acCmdSave = 20
Const acCmdSaveAs = 21
Const acCmdFind = 30
Const acCmdSelectAll = 333
Const acCmdSelectAllRecords = 109
Const acCmdSendToBack = 53
Const acCmdSortDescending = 164
Const acCmdSortAscending = 163
Const acCmdTabOrder = 41
Const acCmdDatasheetView = 282
Const acCmdZoomSelection = 371

```

Remarks

- *RunCommand* always returns **True**. If the argument does not exist, or if the request is not appropriate to the context, the request is ignored.
- The Command argument, when of type **String**, is not case-sensitive.
- Above list of commands is not exhaustive. Other commands could succeed as well. However if the command to execute is not in the above list the argument **MUST** correspond exactly (... be properly cased as should ...) with the argument expected by a `executeDispatch()` UNO statement.
- If the given Command argument is of type **String** and starts with `".uno:"`, the command is executed literally without any other parsing.
- The LibO/AOO command and its VBA equivalent are *presumed* to be similar or equivalent. The *RunCommand* action always executes a LibO/AOO command. There is no emulation of the VBA command.
- The *Context* column indicates one or more contexts in which the command has been tested and executed successfully. This is not a guarantee that it will succeed in the given context nor that other contexts could not also provide the same functionality. When the context is *Any* this only means that the command is likely to succeed in any context.
- The *RunCommand* action is very often preceded by a **SelectObject** action to activate the correct context.
- Most commands open a dialog box. Today the LibO/AOO documentation does not contain any indication about arguments that could bypass the dialog. The only ways to discover them are either to scan the software sources (what I did not do !) or to record the macro. But *LibO/AOO Base* has no *Macro Recorder* (although Forms have ...!?) implemented.

Error messages

Arguments are missing or are not initialized

See also

SelectObject

Examples

Open a form, and display it with its data source grid ...

```
OpenForm("myForm")  
RunCommand(acCmdDatasheetView) ' or RunCommand("ViewFormAsGrid")
```

Next Sub linked to the "When loading" event ALWAYS opens a form with its datagrid ...

```
Sub DisplayGrid(oEvent As Object)  
    RunCommand(acCmdDatasheetView)  
End Sub
```

To open a form in design mode with automatic display of Form properties ...

```
OpenForm("myForm", acDesign)  
RunCommand("FormProperties")
```

To enter an SQL statement at any time, execute next code ...

```
SelectObject(acDatabaseWindow)  
RunCommand("DBDirectSQL")
```

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