

Visio objects, properties, methods, and events

This document lists Visio Automation properties, methods, and events alphabetically by object, then alphabetically by property, method, or event name with the syntax for the property or method.

For details about an object, property, method, or event, see the online Visio Automation Reference located on the Visio Help menu.

METHODS, PROPERTIES, AND EVENTS BY OBJECT

The following table lists properties and methods for each object in the Visio object mode, alphabetically by object name.

Object	Properties	Methods	Events
AccelItem	Alt CmdNum Control	Key Parent Shift	Delete
AccelItems	Count Item Parent		Add
AccelTable	AccelItems ParentTableName	SetID	Delete
AccelTables	Count Item	ItemAtId Parent	Add AddAtId
Addon	Application Enabled ObjectType	Index Name	Run
Addons	Application Count Item	ObjectType	Add GetNames
Application	Active ActiveDocument ActivePage ActiveWindow AddonPaths Addons AlertResponse Application BuiltInMenus BuiltInToolbars CustomMenus CustomMenusFile CustomToolbars CustomToolbarsFile DeferRecalc Documents DrawingPaths EventInfo EventList EventsEnabled FilterPaths HelpPaths InstanceHandle InstanceHandle32 IsVisio16 IsVisio32 Language ObjectType OnDataChangeDelay Path PersistsEvents ProcessID ProfileName	StencilPaths TemplatePaths ToolbarStyle UserName VBE Version WindowHandle WindowHandle32 Windows	ClearCustomMenus ClearCustomToolbars ConvertResult DoCmd EnumDirectories FormatResult Quit Redo SaveWorkspaceAs SetCustomMenus SetCustomToolbars Undo AfterModal AppActivated AppDeactivated AppObjectActivated AppObjectDeactivated BeforeDocumentClose BeforeMasterDelete BeforeModal BeforePageDelete BeforeQuit BeforeSelectionDelete BeforeShapeDelete BeforeStyleDelete BeforeWindowClose BeforeWindowPageTurn BeforeWindowSelDelete CellChanged DocumentChanged DocumentCreated DocumentOpened DocumentSaved DocumentSavedAs MasterAdded MasterChanged PageAdded PageChanged SelectionAdded SelectionChanged ShapeAdded ShapeChanged StyleAdded StyleChanged TextChanged

	PromptForSummary ScreenUpdating ShowMenus ShowProgress ShowStatusBar StartupPaths Stat			WindowActivated WindowOpened WindowTurnedToPage
Attribute	DefaultVaue Name	Prompt Value	Delete	
Attributes	Count	Item	Add	
Cell	Application Column Document Error EventList Formula FormulaForce IsConstant IsInherited LocalName Name ObjectType Persists Events Result ResultForce ResultFromInt ResultFromIntForce	ResultInt ResultIU ResultIUForce ResultStr Row RowName Section Shape Stat Style Units	GlueTo GlueToPos Trigger	CellChanged
Characters	Application Begin CharCount CharProps CharPropsRow Document End EventList FieldCategory FieldCode FieldFormat	FieldFormula IsField ObjectType ParaProps ParaPropsRow PersistsEvents RunBegin RunEnd Shape Stat TabPropsRow Text TextAsString	AddCustomField AddField Copy Cut Paste	TextChanged
Color	Application Blue Document Flags Green	Index ObjectType PaletteEntry Red Stat		
Colors	Application Count	Document Item ObjectType Stat		
Connect	Application Document FromCell FromPart FromSheet Index	ObjectType Stat ToCell ToPart ToSheet		

Connects	Application Count Document	FromSheet Item ObjectType Stat ToSheet		
Document	Application BottomMargin Colors Creator CustomMenus CustomMenusFile CustomToolbars CustomToolbarsFile DefaultFillStyle DefaultLineStyle DefaultStyle DefaultTextStyle Description EventList Fonts FullName Index InPlace Keywords LeftMargin Masters Name ObjectType Pages PaperHeight PaperSize PaperWidth Path PersistsEvents PrintCenteredH PrintCenteredV PrintFitOnPages PrintLandscape PrintPagesAcross PrintPagesDown PrintScale ReadOnly RightMargin Saved SavePreviewMode Stat Styles Subject Template Title TopMargin VBProject Version		ClearCustomMenus ClearCustomToolbars Close Drop ExecuteLine OpenStencilWindow ParseLine Print Save SaveAs SaveAsEx SetCustomMenus SetCustomToolbars	BeforeDocumentClose BeforeMasterDelete BeforePageDelete BeforeSelectionDelete BeforeShapeDelete BeforeStyleDelete CellChanged DocumentChanged DocumentCreated DocumentOpened DocumentSaved DocumentSavedAs MasterAdded MasterChanged PageAdded PageChanged SelectionAdded ShapeAdded ShapeChanged ShapesDeleted StyleAdded StyleChanged TextChanged
Documents	Application Count EventList Item ObjectType		Add GetNames Open OpenEx	BeforeDocumentClose BeforeMasterDelete BeforePageDelete BeforeSelectionDelete BeforeShapeDelete

PersistsEvents

BeforeStyleDelete
CellChanged
DocumentAdded
DocumentChanged
DocumentCreated
DocumentOpened
DocumentSaved
DocumentSavedAs
MasterAdded
MasterChanged
PageAdded
PageChanged
SelectionAdded
ShapeAdded
ShapeChanged
StyleAdded
StyleChanged
TextChanged

Entities	Count Item Name		Add
Entity	BinaryData BinaryLength Control Group Handle Index LayerName LongValue	Name RealValue ShortValue String VectorX VectorY VectorZ	Delete
EntityApp	Entities	Name	Delete
EntityApps	Count	Item	Add
Event	Action Application Enabled Event EventList ID	Index ObjectType Persistable Persistent Target TargetArgs	Delete Trigger
EventList	Application Count	Item ItemFromID ObjectType	Add AddAdvise
Font	Application Attributes CharSet Document	ID Index Name ObjectType PitchAndFamily Stat	
Fonts	Application Count Document	Item ItemFromID ObjectType Stat	
Global	ActiveDocument ActivePage ActiveWindow Addons	Application Documents VBE Windows	

Layer	Application CellsCName Document EventList Index	Master Delete ObjectType Page PersistsEvents Row Stat	Add Remove	
Layers	Application Count Document EventList	Item Master ObjectType Page PersistsEvents Stat	Add	
Master	AlignName Application Connects Document EventList IconSize IconUpdate Index Layers	Name ObjectType OneD PageSheet PersistsEvents Prompt Shapes Stat UniqueID	BoundingBox CenterDrawing Close Delete DrawBezier DrawLine DrawOval DrawPolyline DrawRectangle DrawSpline DropMany Export ExportIcon GetFormulas GetResults Import ImportIcon InsertFromFile InsertObject Layout Open OpenDrawWindow OpenIconWindow SetFormulas SetResults	BeforeMasterDelete BeforeSelectionDelete BeforeShapeDelete CellChanged MasterChanged SelectionChanged ShapeAdded ShapeChanged TextChanged
Masters	Application Count Document EventList Item ObjectType PersistsEvents Stat		Add GetNames	BeforeMasterDelete BeforeSelectionDelete BeforeShapeDelete CellChanged MasterAdded MasterChanged SelectionAdded ShapeAdded ShapeChanged TextChanged
Menu	Caption Index MDIWindowMenu	MenuItems Parent	Delete	
MenuItem	ActionText AddonArgs AddonName Caption CmdNum HelpContextID	HelpFile Index IsHierarchical IsSeparator MenuItems MiniHelp	Delete	

		Parent		
MenuItems	Count Item	Parent	Add AddAt	
Menus	Count Item	Parent	Add AddAt	
MenuSet	Caption Menus	Parent SetID	Delete	
MenuSets	Count Item	ItemAtID Parent	Add AddAtID	
Page	Application Background BackPage BackPageAsObj BackPageFromName Connects Document EventList Index Layers Name ObjectType PageSheet PersistsEvents Shapes Stat		AddGuide BoundingBox CenterDrawing Delete DrawBezier DrawLine DrawOval DrawPolyline DrawRectangle DrawSpline Drop DropMany Export GetFormulas GetResults Import InsertFromFile InsertObject Layout OpenDrawWindow Paste Print SetFormulas SetResults	BeforePageDelete BeforeSelectionDelete BeforeShapeDelete CellChanged PageChanged SelectionAdded ShapeAdded ShapeChanged TextChanged
Pages	Application Count Document EventList Item ObjectType PersistsEvents Stat		Add GetNames	BeforePageDelete BeforeSelectionDelete BeforeShapeDelete CellChanged PageAdded PageChanged SelectionAdded ShapeAdded ShapeChanged TextChanged
Selection	Application ContainingMaster ContainingPage ContainingShape Count Document EventList FillStyle FillStyleKeepFmt Item LineStyle LineStyleKeepFmt ObjectType		BoundingBox BringForward BringToFront Combine ConvertToGroup Copy Cut Delete DeselectAll Duplicate Export FitCurve FlipHorizontal	

PersistsEvents
Stat
Style
StyleKeepFmt
TextStyle
TextStyleKeepFmt

FlipVertical
Fragment
Group
Intersect
Join
Layout
ReverseEnds
Rotate90
Select
SelectAll
SendBackward
SendToBack
Subtract
Trim
Ungroup
Union

Shape

Application
AreaIU
CellExists
Cells
CellsSRC
CellsSRCExists
Characters
CharCount
Connects
ContainingMaster
ContainingPage
ContainingShape
Data1
Data2
Data3
Document
FillStyle
FillStyleKeepFmt
FromConnects
GeometryCount
Help
HitTest
ID
Index
Layer
LayerCount
LengthIU
LineStyle
LineStyleKeepFmt
Master
Name
NameID
Object
ObjectType
OneD
Parent
PersistsEvents
RowCount
RowCellCount
RowType
SectionExists
Shapes
Stat
Style
StyleKeepFmt
Text
TextStyle
TextStyleKeepFmt
Type
UniqueID

AddNamedRow
AddRow
AddSection
BoundingBox
BringForward
BringToFront
CenterDrawing
ConvertToGroup
Copy
Cut
Delete
DeleteRow
DeleteSection
DrawBezier
DrawLine
DrawOval
DrawPolyline
DrawRectangle
DrawSpline
Drop
DropMany
Duplicate
Export
FitCurve
FlipHorizontal
FlipVertical
GetFormulas
GetResults
Group
Import
InsertFromFile
InsertObject
Layout
OpenDrawWindow
OpenSheetWindow
ReverseEnds
Rotate90
SendBackward
SendToBack
SetBegin
SetCenter
SetEnd
SetFormulas

BeforeSelectionDelete
BeforeShapeDelete
CellChanged
SelectionAdded
ShapeAdded
ShapeChanged
TextChanged

			SetResults	
			Ungroup	
Shapes	Application ContainingMaster ContainingPage ContainingShape	Count Document EventList Item ItemFromID ObjectType PersistsEvents Stat		
StatusBar	Caption ParentStatusBarItems	SetID	Delete	
StatusBarItem	ActionText AddonArgs AddonName CmdNum CntrlID CntrlType HelpContextID HelpFile	Index Parent Priority Spacing TypeSpecific1 TypeSpecific2	Delete IconFileName	
StatusBarItems	Count Item Parent		Add AddAt	
StatusBars	Count Item	ItemAtID Parent	Add AddAtID	
Style	Application BasedOn Cells Document EventList FillBasedOn ID IncludesFill IncudesLine	IncludesText Index LineBasedOn Name ObjectType PersistsEvents Stat TextBasedOn	Delete GetFormulas GetResults SetFormulas SetResults	BeforeStyleDelete StyleChanged
Styles	Application Count Document EventList Item	ItemFromID ObjectType PersistsEvents Stat	Add GetNames	BeforeStyleDelete StyleAdded StyleChanged
Toolbar	Caption Index	Parent ToolbarItems	Delete	
ToolbarItem	ActionText AddonArgs AddonName CmdNum CntrlID CntrlType HelpContextID HelpFile	Index Parent Priority Spacing TypeSpecific1 TypeSpecific2	Delete IconFileName	
ToolBarItems	Count Item	Parent	Add AddAt	
Toolbars	Count Item	Parent	Add AddAt	

ToolbarSet	Caption Parent	SetID Toolbars	Delete	
ToolbarSets	Count Item	ItemAtID Parent	Add AddAtID	
UI object	AccelTables Flavor MenuSets	Name StatusBars ToolBarSets	LoadFromFile SaveToFile UpdateUI	
Window	Application Document EventList Index Master ObjectType Page PageAsObj PageFromName PersistsEvents Selection ShowConnectPoints ShowGrid ShowGuides ShowPageBreaks ShowRulers Stat SubType Type WindowHandle WindowHandle32 Zoom		Activate AddToGroup Close Combine Copy Cut Delete DeselectAll DockedStencils Duplicate Fragment Group Intersect Join Paste RemoveFromGroup Select SelectAll Subtract Trim Union	BeforeWindowClose BeforeWindowPageTurn BeforeWindowSelDelete SelectionChanged WindowActivated WindowTurnedToPage
Windows	Application Count EventList Item ObjectType PersistsEvents		Arrange	BeforeWindowClose BeforeWindowPageTurn BeforeWindowSelDelete SelectionChanged WindowActivated WindowOpened WindowTurnedToPage

PROPERTIES, METHODS, AND EVENTS BY NAME

The following table lists Visio properties, methods, and events alphabetically, with the objects to which they apply and the syntax for the keyword. For properties, if the syntax lists only one statement then the property is read-only or write-only—if two statements are listed, the property is read-write. If no return type is listed, the property or method does not return a value. The keyword for a method is a verb because methods perform an action.

Keyword	Objects	Syntax
AccelItems	AccelTable	objRet = object.AccelItems
AccelTables	UI object	objRet = object.AccelTables
Action	Event	intRet = object.Action object.Action = actionCode
ActionText	MenuItem StatusBarItem ToolBarItem	object.ActionText = actionStr actionStr = object.ActionText
Activate	Window	object.Activate

ActiveDocument	Application	Global (VBA only)	objRet = object.ActiveDocument
ActivePage	Application	Global (VBA only)	objRet = object.ActivePage
ActiveWindow	Application	Global (VBA only)	objRet = object.ActiveWindow
Add	AccellItems	MenuItems	objRet = object.Add
	AccelTables	Menus	objRet = object.Add (arguments)
	Addons	MenuSets	
	Attributes	Pages	
	Documents	StatusBarItems	
	Entities	StatusBars	
	EntityApps	Styles	
	EventList	ToolBarItems	
	Layer	Toolbars	
	Masters	ToolBarSets	
AddAt	MenuItems	ToolBarItems	objRet = object.AddAt(index)
	Menus	Toolbars	
	StatusBarItems		
AddAtID	AccelTables	StatusBars	objRet = object.AddAtID(id)
	MenuSets	ToolBarSets	
AddCustomField	Characters		object.AddCustomField strFormula, intFormat
AddField	Characters		object.AddField intCategory, intCode, intFormat
AddGuide	Page		objRet = object.AddGuide (guideType, x, y)
AddNamedRow	Shape		retVal = object.AddNamedRow (section, rowName, rowTag)
AddonArgs	MenuItem		object.AddonArgs = argsStr
	StatusBarItem		argsStr = object.AddonArgs
	ToolBarItem		
AddonName	MenuItem		object.AddonName = addonStr
	StatusBarItem		addonStr = object.AddonName
	ToolBarItem		
AddonPaths	Application		strRet = object.AddonPaths
			object.AddonPaths = pathsStr
Addons	Application		objRet = object.Addons
	Global (VBA only)		
AddRow	Shape		retVal = object.AddRow (section, row, tag)
AddSection	Shape		intRet = object.AddSection (section)
AddToGroup	Window		object.AddToGroup
AfterModal	Application		object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)
AlignName	Master		intRet = object.AlignName
			object.AlignName = intNewAlignment
AppActivated	Application		object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)
AppDeactivated	Application		object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)
AppObjectActivated	Application		object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)
AppObjectDeactivated	Application		object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)
Application	Addon	Global (VBA only)	objRet = object.Application
	Addons	Layer	
	Application	Layers	
	Cell	Master	
	Characters	Masters	

Color Page
 Colors Pages
 Connect Selection
 Connects Shape
 Document Shapes
 Documents Style
 Event Styles
 EventList Window
 Font Windows
 Fonts

AreaIU	Shape	RetVal = object.AreaIU
Arrange	Windows	object.Arrange
Attributes	Font ShapeData	objRet = object.Attributes intRet = object.Attributes
Background	Page	RetVal = object.Background object.Background = {True False}
BackPage	Page	objRet = object.BackPage object.BackPage = stringExpression
BackPageAsObj	Page	objRet = object.BackPageAsObj
BackPageFromName	Page	object.BackPageFromName = stringExpression
BasedOn	Style	strVal = object.BasedOn object.BasedOn = styleName
BeforeDocumentClose	Application Document Documents	object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)
BeforeMasterDelete	Application Document Documents Master Masters	object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)
BeforeModal	Application	object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)
BeforePageDelete	Application Document Documents Page Pages	object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)
BeforeQuit	Application	object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)
BeforeSelectionDelete	Application Document Documents Master Masters Page Pages Shape	object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)
BeforeShapeDelete	Application Document Documents Master Masters Page Pages	object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)

	Shape		
BeforeStyleDelete	Application Document Documents Style Styles		object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)
BeforeWindowClose	Application Window Windows		object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)
BeforeWindowPageTurn	Application Window Windows		object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)
BeforeWindowSelDelete	Application Window Windows		object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)
Begin	Characters		intRet = object.Begin object.Begin = intExpression
BeginTransaction	ShapeData		object.BeginTransaction
BinaryData	Entity		strRet = object.BinaryData object.BinaryData = expression
BinaryLength	Entity		RetVal = object.BinaryLength
Blue	Color		intRet = object.Blue object.Blue = intVal
BoundingBox	Master Selection	Page Shape	object.BoundingBox flags, left, bottom, right, top
BringForward	Selection	Shape	object.BringForward
BringToFront	Selection	Shape	object.BringToFront
BuiltInMenus	Application		objRet = object.BuiltInMenus
BuiltInToolbars	Application		objRet = object.BuiltInToolbars(fWhichToolbars)
Caption	Menu MenuItem MenuSet	StatusBar Toolbar ToolbarSet	object.Caption = stringVal stringVal = object.Caption
CellChanged	Application Cell Document Documents Master Masters Page Pages Shape		object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)
CellExists	Shape		boolRet = object.CellExists(stringExpression, fExistsLocally)
Cells	Shape	Style	objRet = object.Cells (stringExpression)
CellsC	Layer		objRet = object.CellsC(column)
CellsSRC	Shape		objRet = object.CellsSRC (section, row, cell)
CellsSRCExists	Shape		boolRet = object.CellsSRCExists(section,row,column,fExistsLocally)
CenterDrawing	Master Page	Shapes	object.CenterDrawing

Characters	Shape		objRet = object.Characters
CharCount	Characters Shape		intRet = object.CharCount
CharProps	Characters		object.CharProps(intWhichProp) = intExpression
CharPropsRow	Characters		intRet = object.CharPropsRow(bias)
CharSet	Font		intRet = object.CharSet
ClearCustomMenus	Application	Document	object.ClearCustomMenus
ClearCustomToolbars	Application	Document	object.ClearCustomToolbars
Close	Document Master	Window	object.Close
CmdNum	AccellItem MenuItem	StatusBarItem ToolBarItem	object.CmdNum = intVal intVal = object.CmdNum
CntrlID	StatusBarItem ToolBarItem		object.CntrlID = intVal intVal = object.CntrlID
CntrlType	StatusBarItem ToolBarItem		object.CntrlType = intVal intVal = object.CntrlType
Colors	Document		objRet = object.Colors
Column	Cell		intRet = object.Column
Combine	Selection	Window	object.Combine
Connects	Master Page	Shape	objRet = object.Connects
ContainingMaster	Selection Shape	Shapes	objRet = object.ContainingMaster
ContainingPage	Selection Shape	Shapes	objRet = object.ContainingPage
ContainingShape	Selection Shape	Shapes	objRet = object.ContainingShape
Control	AccellItem Entity		retVal = object.Control object.Control = expression boolVal = object.Control object.Control = boolVal
ConvertResult	Application		retVal = object.ConvertResult(stringOrNumber, unitsIn, unitsOut)
ConvertToGroup	Selection	Shape	object.ConvertToGroup
Copy	Characters Selection	Shape Window	object.Copy
Count	AccellItems AccelTables Addons Attributes Colors Connects Documents Entities EntityApps EventList Fonts Layers Masters	MenuItem Menus MenuSets Pages Selection Shapes StatusBarItems StatusBars Styles ToolBarItems Toolbars ToolBarSets Windows	intRet = object.Count

Creator	Document		strRet = object.Creator object.Creator = stringExpression
CustomMenus	Application	Document	objRet = object.CustomMenus
CustomMenusFile	Application	Document	strRet = object.CustomMenusFile object.CustomMenusFile = fileStr
CustomToolbars	Application	Document	objRet = object.CustomToolbars
CustomToolbarsFile	Application	Document	strRet = object.CustomToolbarsFile object.CustomToolbarsFile = fileStr
Cut	Characters Selection	Shape Window	object.Cut
Data1	Shape		strRet = object.Data1 object.Data1 = stringExpression
Data2	Shape		strRet = object.Data2 object.Data2 = stringExpression
Data3	Shape		strRet = object.Data3 object.Data3 = stringExpression
DefaultFillStyle	Document		strRet = object.DefaultFillStyle object.DefaultFillStyle = stringExpression
DefaultLineStyle	Document		strRet = object.DefaultLineStyle object.DefaultLineStyle = stringExpression
DefaultStyle	Document		strRet = object.DefaultStyle object.DefaultStyle = stringExpression
DefaultTextStyle	Document		strRet = object.DefaultTextStyle object.DefaultTextStyle = stringExpression
DefaultValue	Attribute		strRet = object.DefaultValue object.DefaultValue = strValue
DefefRecalc	Application		intRet = object.DeferRecalc object.DeferRecalc = intExpression
Delete	AccellItem AccelTable Attribute Entity EntityApp Event Layer Master Menu MenuItem MenuSet	Page Selection Shape StatusBar StatusBarItem Style Toolbar ToolbarItem ToolbarSet Window	object.Delete object.Delete fDeleteShapes object.Delete fRenumPages
DeleteRow	Shape		object.DeleteRow section, row
DeleteSection	Shape		object.DeleteSection section
Description	Document		strRet = object.Description object.Description = stringExpression
DeselectAll	Selection	Window	object.DeselectAll
DockedStencils	Window		object.DockedStencils NameArray
DoCmd	Application		object.DoCmd (intExpression)
Document	Cell Characters	Master Masters	objRet = object.Document

	Color	Page	
	Colors	Pages	
	Connect	Selection	
	Connects	Shape	
	Font	Shapes	
	Fonts	Style	
	Layer	Styles	
	Layers	Window	
DocumentAdded	Application Document Documents		object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)
DocumentChanged	Application Document Documents		object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)
DocumentCreated	Application Document Documents		object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)
DocumentOpened	Application Document Documents		object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)
Documents	Application	Global (VBA only)	objsRet = object.Documents
DocumentSaved	Application Document Documents		object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)
DocumentSavedAs	Application Document Documents		object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)
DrawBezier	Master Shape	Page	objRet = object.DrawBezier(xyArray, degree, flags)
DrawingPaths	Application		strRet = object.DrawingPaths object.DrawingPaths = pathsStr
DrawLine	Master Shape	Page	objRet = object.DrawLine (x1, y1, x2, y2)
DrawOval	Master Shape	Page	objRet = object.DrawOval (x1, y1, x2, y2)
DrawPolyline	Master Shape	Page	objRet = object.DrawPolyline(xyArray, flags)
DrawRectangle	Master Shape	Page	objRet = object.DrawRectangle (x1, y1, x2, y2)
DrawSpline	Master Shape	Page	objRet = object.DrawSpline(xyArray, tolerance, flags)
Drop	Document Page Shape		objRet = object.Drop(dropObject, x, y)
DropMany	Master Shape	Page	intRet = object.DropMany(ObjectsToInstance, xyArray, IDArray)
Duplicate	Selection Shape	Window	object.Duplicate
Enabled	Addon Event		boolVal = object.Enabled object.Enabled = intExpression

End	Characters		intRet = object.End object.End = intExpression
EndTransaction	ShapeData		object.EndTransaction
Entities	EntityApp		objRet = object.Entities
EntityApps	ShapeData		objRet = object.EntityApps
EnumDirectories	Application		object.EnumDirectories PathList,NameArray
Error	Cell		intRet = object.Error
Event	Event		intRet = object.Event object.Event = eventCode
EventInfo	Application		strRet = object.EventInfo(eventSeqNum)
EventList	Application Cell Characters Document Documents Event Layer Layers Master Masters	Page Pages Selection Shape Shapes Style Styles Window Windows	objRet = object.EventList
EventsEnabled	Application		intRet = object.EventsEnabled object.EventsEnabled = intExpression
ExecuteLine	Document		object.ExecuteLine stringExpression
Export	Master Page	Selection Shape	object.Export(stringExpression)
ExportIcon	Master		object.ExportIcon stringExpression, flags
FieldCategory	Characters		intRet = object.FieldCategory
FieldCode	Characters		intRet = object.FieldCode
FieldFormat	Characters		intRet = object.FieldFormat
FieldFormula	Characters		intRet = object.FieldFormula
FillBasedOn	Style		strVal = object.FillBasedOn object.FillBasedOn = styleName
FillStyle	Selection	Shape	strRet = object.FillStyle object.FillStyle = stringExpression
FillStyleKeepFmt	Selection	Shape	object.FillStyleKeepFmt = stringExpression
FilterPaths	Application		strRet = object.FilterPaths object.FilterPaths = pathsStr
FitCurve	Selection	Shape	object.FitCurve tolerance, flags
Flags	Color		intRet = object.Flags object.Flags = intVal
Flavor	UI object		intRet = object.Flavor object.Flavor = newFlavor
FlipHorizontal	Selection	Shape	object.FlipHorizontal
FlipVertical	Selection	Shape	object.FlipVertical
Fonts	Document		objRet = object.Fonts
FormatResult	Application		stringRet = object.FormatResult(stringOrNumber, unitsIn, unitsOut, format)

Formula	Cell		strRet = object.Formula object.Formula = stringExpression
FormulaForce	Cell		object.FormulaForce = stringExpression
Fragment	Selection	Window	object.Fragment
FromCell	Connect		objRet = object.FromCell
FromConnects	Shape		objRet = object.FromConnects
FromPart	Connect		retVal = object.FromPart
FromSheet	Connect	Connects	objRet = object.FromSheet
FullName	Document		strRet = object.FullName
GeometryCount	Shape		intRet = object.GeometryCount
GetFormulas	Master Page	Shape Style	PageOrMasterObj.GetFormulas SID_SRCStream, formulas ShapeOrStyleObj.GetFormulas SRCStream, formulas
GetNames	Addons Documents Masters	Pages Styles	object.GetNames NameArray
GetResults	Master Page	Shape Style	PageOrMasterObj.GetResults SID_SRCStream, results ShapeOrStyleObj.GetResults SRCStream, results
GlueTo	Cell		object.GlueTo gluetocell
GlueToPos	Cell		object.GlueToPos shpObject, x, y
Green	Color		intRet = object.Green object.Green = intVal
Group (method)	Selection Shape	Window	object.Group
Group (property)	Entity		RetVal = object.Group object.Group = Expression
Handle	Entity		RetVal = object.Handle object.Handle = Expression
Help	Shape		strRet = object.Help object.Help = strExpression
HelpContextID	MenuItem StatusBarItem	ToolBarItem	object.HelpContextID = intVal intVal = object.HelpContextID
HelpFile	MenuItem StatusBarItem	ToolBarItem	object.HelpFile = fileStr fileStr = object.HelpFile
HelpPaths	Application		strRet = object.HelpPaths object.HelpPaths = pathsStr
HitTest	Shape		intRet = object.HitTest(x, y, tolerance)
IconFileName	StatusBarItem	ToolBarItem	object.IconFileName(fileString)
IconSize	Master		intRet = object.IconSize object.IconSize = newSize
IconUpdate	Master		intRet = object.IconUpdate object.IconUpdate = updateMode
ID	Event Font	Shape Style	intVal = object.ID
Import	Master Page	Shape	objRet = object.Import(stringExpression)

ImportIcon	Master		object.ImportIcon stringExpression
IncludesFill	Style		boolRet = object.IncludesFill object.IncludesFill = intExpression
IncludesLine	Style		boolRet = object.IncludesLine object.IncludesLine = intExpression
IncludesText	Style		boolRet = object.IncludesText object.IncludesText = intExpression
Index	Addon Color Connect Document Entity Event Font Layer Master	Menu MenuItem Page Shape StatusBarItem Style Toolbar ToolBarItem Window	intRet = object.Index
InPlace	Document		boolVal = object.InPlace
InsertFromFile	Master Page	Shape	objRef = object.InsertFromFile (filename, flags)
InsertObject	Master Page	Shape	objRef = object.Object (ClassID, flags)
InstanceHandle	Application		intRet = object.InstanceHandle
InstanceHandle32	Application		intRet = object.InstanceHandle32
Intersect	Selection	Window	object.Intersect
IsConstant	Cell		boolRet = object.IsConstant
IsField	Characters		boolRet = object.IsField
IsHierarchical	MenuItem		boolRet = object.IsHierarchical
IsInherited	Cell		boolRet = object.IsInherited
IsSeparator	MenuItem		boolRet = object.IsSeparator
IsVisio16	Application		boolRet = object.IsVisio16
IsVisio32	Application		boolRet = object.IsVisio32
Item	AccelItems AccelTables Addons Attributes Colors Connects Documents Entities EntityApps EventList Fonts Layers Masters	MenuItems Menus MenuSets Pages Selection Shapes StatusBarItems StatusBars Styles ToolBarItems Toolbars ToolBarSets Windows	objRet = object.Item(index) objRet = object.Item(stringExpression)
ItemAtID	AccelTables MenuSets	StatusBars ToolBarSets	objRet = object.ItemAtID(id)
ItemFromID	EventList Fonts	Shapes Styles	objRet = object.ItemFromID(id)
Join	Selection	Window	object.Join

Key	AccellItem		object.Key = keyVal keyVal = object.Key
Keywords	Document		strRet = object.Keywords object.Keywords = stringExpression
Language	Application		intRet = object.Language
Layer	Shape		objRet = object.Layer(index)
LayerCount	Shape		intRet = object.LayerCount
LayerName	Entity		RetVal = object.LayerName object.LayerName = Expression
Layers	Master	Page	objRet = object.Layers
Layout	Master	Selection	object.Layout
	Page	Shape	
LeftMargin	Document		retVal = object.LeftMargin (units) object.LeftMargin (units) = newValue
LengthIU	Shape		retVal = object.LengthIU
LineBasedOn	Style		strVal = object.LineBasedOn object.LineBasedOn = styleName
LineStyle	Selection		strRet = object.LineStyle
	Shape		object.LineStyle = stringExpression
LineStyleKeepFmt	Selection	Shape	object.LineStyleKeepFmt = stringExpression
LoadFromFile	UI object		object.LoadFromFile(stringExpression)
LocalName	Cell		strRet = object.LocalName
LongValue	Entity		RetVal = object.LongValue object.LongValue = Expression
Master	Layer	Shape	objRet = object.Master
	Layers	Window	
MasterAdded	Application		object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)
	Document		
	Documents		
	Masters		
MasterChanged	Application		object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)
	Document		
	Documents		
	Master		
	Masters		
Masters	Document		objsRet = object.Masters
MDIWindowMenu	Menu		object.MDIWindowMenu = intVal intVal = object.MDIWindowMenu
MenuItems	Menu	MenuItem	objRet = object.MenuItems
Menus	MenuSet		objRet = object.Menus
MenuSets	UI object		objRet = object.MenuSets
MiniHelp	MenuItem		object.MiniHelp = miniHelpStr miniHelpStr = object.MiniHelp
Name	Addon	Entities	strRet = object.Name
	Attribute	Entity	object.Name = stringExpression
	Cell	EntityApp	
	Document	Font	

	Layer Master Page	Shape Style UI object	
NameID	Shape		strRet = object.NameID
Object	Shape		dispRet = object.Object
ObjectType	Addon Addons Application Cell Characters Color Colors Connect Connects Document Documents Event EventList Font Fonts Layer Layers	Master Masters Page Pages Selection Shape Shapes Style Styles Window Windows	intRet = object.ObjectType
OnChangeDelay	Application		intRet = object.OnDataChangeDelay object.OnDataChangeDelay = intExpression
OneD	Master Shape		retVal = object.OneD object.OneD = {True False}
Open	Documents	Master	docsObjRet = docsObject.Open (stringExpression) masterObjCopy = masterObject.Open
OpenDrawWindow	Master Page	Shape	objRet = object.OpenDrawWindow
OpenEx	Documents		objRet = object.OpenEx (fileName, openFlags)
Page	Layer Window	Layers	objRet = object.Page object.Page = stringExpression
PageAdded	Application Document Documents Pages		object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)
PageAsObj	Window		objRet = object.PageAsObj
PageChanged	Application Document Documents Page Pages		object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)
PageFromName	Window		object.PageFromName = stringExpression
Pages	Document		objsRet = object.Pages
PageSheet	Master	Page	objRet = object.PageSheet
PaletteEntry	Color		intRet = object.PaletteEntry object.PaletteEntry = intVal
PaperHeight	Document		retRet = object.PaperHeight(units)
PaperSize	Document		retRet = object.PaperSize

			object.PaperSize = intValue
PaperWidth	Document		retRet = object.PaperWidth(units)
ParaProps	Characters		object.ParaProps(intWhichProp) = intExpression
ParaPropsRow	Characters		intRet = object.ParaPropsRow(bias)
Parent	AccellItem AccellItems AccelTable AccelTables Menu MenuItem MenuItem MenuItem MenuSet MenuSets Shape	StatusBar StatusBarItem StatusBarItems StatusBars Toolbar ToolBarItem ToolBarItems Toolbars ToolbarSet ToolbarSets	objRet = object.Parent
ParseLine	Document		object.ParseLine stringExpression
Paste	Characters Page	Window	object.Paste
Path	Application	Document	strRet = object.Path
Persistable	Event		boolRet = object.Persistable
Persistent	Event		intRet = object.Persistent object.Persistent = intExpression
PersistsEvents	Application Cell Characters Document Documents Layer Layers Master Masters Page Pages	Selection Shape Shapes Style Styles Window Windows	boolRet = object.PersistsEvents
PitchAndFamily	Font		intRet = object.PitchAndFamily
Print	Document	Page	object.Print
PrintCenteredH	Document		intRet = object.PrintCenteredH object.PrintCenteredH = newValue
PrintCenteredV	Document		intRet = object.PrintCenteredV object.PrintCenteredV = newValue
PrintFitOnPages	Document		intRet = object.PrintFitOnPages object.PrintFitOnPages = newValue
PrintLandscape	Document		intRet = object.PrintLandscape object.PrintLandscape = newValue
PrintPagesAcross	Document		intRet = object.PrintPagesAcross object.PrintPagesAcross = newValue
PrintPagesDown	Document		intRet = object.PrintPagesDown object.PrintPagesDown = newValue
PrintScale	Document		intRet = object.PrintScale object.PrintScale = newValue

Priority	StatusBarItem ToolBarItem		object.Priority = intValue intValue = object.Priority
ProcessID	Application		retVal = object.ProcessID
ProfileName	Application		strVal = object.ProfileName
Prompt	Attribute Master		strRet = object.Prompt object.Prompt = stringExpression
PromptForSummary	Application		boolRet = object.PromptForSummary object.PromptForSummary = intExpression
PutShape	ShapeData		object.PutShape objShape
Quit	Application		object.Quit
ReadOnly	Document		retVal = object.ReadOnly
RealValue	Entity		RetVal = object.RealValue object.RealValue = Expression
Red	Color		intRet = object.Red object.Red = intValue
Redo	Application		object.Redo
Remove	Layer		object.Remove (shapeObj, fPreserveMembers)
RemoveFromGroup	Window		object.RemoveFromGroup
Result	Cell		retVal = object.Result (units) object.Result (units) = newValue
ResultForce	Cell		object.ResultForce (units) = newValue
ResultFromInt	Cell		object.ResultFromInt(units) = newValue
ResultFromIntForce	Cell		object.ResultFromIntForce(units) = newValue
ResultInt	Cell		intRet = object.ResultInt(units,roundFlag) object.ResultInt(units) = newValue
ResultIU	Cell		retVal = object.ResultIU object.ResultIU = newValue
ResultIUForce	Cell		object.ResultIUForce = newValue
ResultStr	Cell		stringRet = object.ResultStr(units)
ReverseEnds	Selection	Shape	object.ReverseEnds
RightMargin	Document		retValue = object.RightMargin(units) object.RightMargin(units) = newValue
Rotate90	Selection	Shape	object.Rotate90
Row	Cell	Layer	intRet = object.Row
RowCount	Shape		retVal = object.RowCount (section)
RowExists	Shape		boolRet = object.RowExists(section,row,fExistsLocally)
RowName	Cell		strRet = object.RowName object.RowName = stringExpression
RowsCellCount	Shape		intRet = object.RowsCellCount (section, row)
RowType	Shape		retVal = object.RowType (section,row) object.RowType (section, row) = rowTag
Run	Addon		object.Run (argString)
RunBegin	Characters		intRet = object.RunBegin(runType)

RunEnd	Characters		intRet = object.RunEnd(runType)
Save	Document		object.Save
SaveAs	Document		object.SaveAs stringExpression
SaveAsEx	Document		object.SaveAsEx (fileName, saveFlags)
Saved	Document		retVal = object.Saved object.Saved = boolVal
SavePreviewMode	Document		boolRet = object.SavePreviewMode object.SavePreviewMode = intExpression
SaveToFile	UI object		object.SaveToFile(fileName)
SaveWorkspaceAs	Application		object.SaveWorkspaceAs (fileName)
ScreenUpdating	Application		boolRet = object.ScreenUpdating object.ScreenUpdating = intExpression
Section	Cell		intRet = object.Section
SectionExists	Shape		boolRet = object.SectionExists(section,fExistsLocally)
Select	Selection	Window	object.Select addObj, selectType
SelectAll	Selection	Window	object.SelectAll
Selection	Window		objRet = object.Selection
SelectionAdded	Application Document Documents Master Masters	Page Pages Shape	object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)
SelectionChanged	Application Window Windows		object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)
SendBackward	Selection	Shape	object.SendBackward
SendToBack	Selection	Shape	object.SendToBack
SetBegin	Shape		object.SetBegin x, y
SetCenter	Shape		object.SetCenter x, y
SetCustomMenus	Application	Document	object.SetCustomMenus (UIObject)
SetCustomToolbars	Application	Document	object.SetCustomToolbars (UIObject)
SetEnd	Shape		object.SetEnd x, y
SetFormulas	Master Page	Shape Style	intRet PageOrMasterObj.SetFormulas SID_SRCStream, formulas, flags intRet ShapeOrStyleObj.SetFormulas SRCStream, formulas, flags
SetID	AccelTable MenuSet	StatusBar ToolbarSet	intRet = object.SetID
SetResults	Master Page	Shape Style	intRet PageOrMasterObj.SetResults SID_SRCStream, results, flags intRet ShapeOrStyleObj.SetResults SRCStream, results, flags
Shape	Cell Characters	ShapeData	objRet = object.Shape
ShapeAdded	Application Document Documents Master Masters Page		object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)

	Pages Shape		
ShapeChanged	Application Document Documents Master Masters Page Pages Shape		object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)
Shapes	Master Page	Shape	objsRet = object.Shapes
ShapesDeleted	Document		object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)
Shift	AccellItem		object.Shift = boolVal boolVal = object.Shift
ShortValue	Entity		RetVal = object.ShortValue object.ShortValue = Expression
ShowConnectPoints	Window		intRet = object.ShowConnectPoints object.ShowConnectPoints = intExpression
ShowGrid	Window		intRet = object.ShowGrid object.ShowConnectGrid = intExpression
ShowGuides	Window		intRet = object.ShowGuides object.ShowGuides = intExpression
ShowMenus	Application		intRet = object.ShowMenus object.ShowMenus = intExpression
ShowPageBreaks	Window		intRet = object.ShowPageBreaks object.ShowPageBreaks = intExpression
ShowProgress	Application		intRet = object.ShowProgress object.ShowProgress = intExpression
ShowRulers	Window		intRet = object.ShowRulers object.ShowRulers = intExpression
ShowStatusBar	Application		intRet = object.ShowStatusBar object.ShowStatusBar = intExpression
Spacing	StatusBarItem ToolBarItem		object.Spacing = intVal intVal = object.Spacing
StartupPaths	Application		strRet = object.StartupPaths object.StartupPaths = pathsStr
Stat	Application Cell Characters Color Colors Connect Connects Document Font Fonts Layer Layers Master Masters	Page Pages Selection Shape Shapes Style Styles Window	intRet = object.Stat

StatusBarItems	StatusBar		objRet = object.StatusBarItems
StatusBars	UIObject		objRet = object.StatusBars
StencilPaths	Application		strRet = object.StencilPaths object.StencilPaths = pathsStr
String	Entity		RetVal = object.String object.String = Expression
Style	Cell Selection Shape		strRet = object.Style object.Style = stringExpression objRet = cellObject.Style
StyleAdded	Application Document Document Styles		object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)
StyleChanged	Application Document Document Style Styles		object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)
StyleKeepFmt	Selection	Shape	object.StyleKeepFmt = stringExpression
Styles	Document	Object	objRet = object.Styles
Subject	Document		strRet = object.Subject object.Subject = stringExpression
Subtract	Document		strRet = object.Subtract object.Subtract = stringExpression
SubType	Window		intRet = object.SubType
TableName	AccelTable		object.TableName = nameStr strRet = object.TableName
TabPropsRow	Characters		intRet = object.TabPropsRow(bias)
Target	Event		strRet = object.Target object.Target = stringExpression
TargetArgs	Event		strRet = object.TargetArgs object.TargetArgs = stringExpression
Template	Document		strRet = object.Template
TemplatePaths	Application		strRet = object.TemplatePaths object.TemplatePaths = pathsStr
Text	Characters Shape		strRet = object.Text object.Text = stringExpression object.Text = objectExpression
TextAsString	Characters		strRet = object.TextAsString
TextBasedOn	Style		strVal = object.TextBasedOn object.TextBasedOn = styleName
TextChanged	Application Characters Document Documents Master Masters Page Pages		object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)

	Shape		
TextStyle	Selection Shape		strRet = object.TextStyle object.TextStyle = stringExpression
TextStyleKeepFmt	Selection	Shape	object.TextStyleKeepFmt = stringExpression
Title	Document		strRet = object.Title object.Title = stringExpression
ToCell	Connect		objRet = object.ToCell
ToolbarItems	Toolbar		objRet = object.ToolbarItems
Toolbars	ToolbarSet		objRet = object.Toolbars
ToolbarSets	UIObject		objRet = object.ToolbarSets
ToolbarStyle	Application		intRet = object.ToolbarStyle object.ToolbarStyle = fWhichToolbars
ToPart	Connect		intRet = object.ToPart
TopMargin	Document		retValue = object.TopMargin(units) object.TopMargin(units) = newValue
ToSheet	Connect	Connects	objRet = object.ToSheet
Trigger	Cell	Event	cellObject.Trigger eventObject.Trigger(contextString)
Type	Shape	Window	retVal = object.Type
TypeSpecific1	StatusBarItem ToolBarItem		object.TypeSpecific1 = intVal intVal = object.TypeSpecific1
TypeSpecific2	StatusBarItem ToolBarItem		object.TypeSpecific2 = intVal intVal = object.TypeSpecific2
Undo	Application		object.Undo
Ungroup	Selection	Shape	object.Ungroup
Union	Selection	Window	object.Union
UniqueID	Master Shape		strRet = object.UniqueID strRet = object.UniqueID(flag)
Units	Cell		intRet = object.Units
UpdateUI	UI object		object.UpdateUI
UserName	Application		strRet = object.UserName object.UserName = strExpression
Value	Attribute		strRet = object.Value object.Value = strValue
VBE	Application	Global (VBA only)	objRet = object.VBE
VBProject	Document		objRet = object.VBProject
VectorX	Entity		RetVal = object.VectorX object.VectorX = Expression
VectorY	Entity		RetVal = object.VectorY object.VectorY = Expression
VectorZ	Entity		RetVal = object.VectorZ object.VectorZ = Expression
Version	Application Document		strRet = appObject.Version intRet = docObject.Version docObject.Version = intExpression

WindowActivated	Application Window Windows	object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)	
WindowHandle	Application	Window	retVal = object.WindowHandle
WindowHandle32	Application	Window	retVal = object.WindowHandle32
WindowOpened	Application Windows	object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)	
Windows	Application	Global (VBA only)	objRet = object.Windows
WindowTurnedToPage	Application Window Windows	object.VisEventProc(eventcode,source,id,sequence,subject,moreInfo)	
Zoom	Window	retVal = object.Zoom object.Zoom = newZoom	
