

OpenInsight Properties

This chapter provides summary information about each of the properties that apply to OpenInsight controls.

Each control has a set of properties associated with it that governs attributes of the control's appearance or behavior. Some properties are set when you define the control, while others are defined only at runtime. While you can manipulate most properties through your code at runtime, each time that the application is started the value associated with each property is initialized. The functions [Get_Property\(\)](#) and [Set_Property\(\)](#) are used to get the value assigned to a particular property, and to set the value associated with a particular property.

In this chapter, properties are arranged in alphabetical order. Each property includes a description, sample usage, and explanation of the usage and values returned by [Get_Property\(\)](#) and [Set_Property\(\)](#). Properties designed specifically for use by Lotus Notes developers are labeled with an icon; properties for use with OpenInsight native data only are also noted with an icon.

For more information about properties, refer the Guide to Application Development, which includes information on controls and properties that apply to each.

Definitions

For the purposes of this chapter the following definitions apply.

- Control: Graphical object used in a window or form to process text, or to control processing.
- Linked Control: A control that is linked to a data table.
- Interactive Control: Any control that can have focus and be controlled by keyboard

OpenInsight Properties Reference

Command	Description
ACCELERATOR	Returns or defines an accelerator key for a menu item.
ACCEPTDROPFILES	A boolean property that lets the operating system know if a user can drag files from the Operating System shell to the OpenInsight form or control.
ACCESSDATA	Sets or returns the text in the cell that the cursor is currently positioned in (ACCESSPOS)
ACCESSPOS	Sets or returns the position of the internal cursor in the edit table.
ANCHORBOTTOM	Returns or sets the controls bottom anchor status.
ANCHORRIGHT	Returns or sets the controls right anchor status.
ARRANGEICONS	When set to true, indicates that minimized MDI child windows (for MDI frame) or icon (for window) will automatically be kept arranged.
ARRAY	Returns or sets all cell values as a two dimensioned array indexed by column, then row for the specified edit table control.
ATRECORD	Set and retrieve record as reflected in the window.
AUTOSCROLL	When set to 1, tabbing and control accelerators (eg., the underlined letter in a label like "Close") are used to automatically change pages.
AUTOSIZECOL	When not set to 0, and any column in an edit table is resized, the width of the specified column is automatically adjusted.
AUTOSIZEHEIGHT	Returns or sets the controls autosize height status.
AUTOSIZEWIDTH	Returns or sets the controls autosize width status.
BACKCOLOR	Sets or retrieves the RGB value associated with the background color of the specified control.
BITMAP	Get_Property returns the path to the picture file; Set_Property sets the path and whether the bitmap should be transparent.
BLOCK_EVENTS	Setting the BLOCK_EVENTS property to true disables the generation and processing of all event messages (except for CLOSE) in the system.
CANCEL	With Get_Property, returns the control identifier to which the CANCEL property has been assigned.
CANUNDO	If an action that can be undone has been performed against the control, CANUNDO returns true.
CARETPOS	Indicates the position of the caret in the control.
CELLPOS	With Set_Property, allows you to enter data to or retrieve from a specific cell of an edit table.
CHARMAP	The 255-character conversion map used for keyboard input.

CHECK	Returns or sets the value of a check box.
CLICKPOS	Returns the position of the mouse when the button is clicked over the edit table.
CLIENTSIZE	Use with Get_Property, only.
COLDATA	Fills or retrieves the current column (SELPOS) of the edit table as @VM-delimited array of cells.
COLUMN	Returns the name of the column that the specified control is linked to. Use with Get_Property, only.
CONV	Returns the output conversion specification for the named control.
COUNTER	Returns the current value and increments the value of COUNTER.
CTRLMAP	Returns an @FM-delimited list of control identifiers, as they apply to the specified window, including the menu.
CURSOR	Returns or sets the cursor to be used when a control has focus.
DATASOURCETYPE	Returns the type of datasource the control is bound to (i.e., Notes Form, DataSet)
DDECOMMAND	Sends a command string to the server.
DDEERROR	Returns any error code generated by the DDE connection or activity processes.
DDEITEM	The specification of the DDE field, and part three of the DDE three-level hierarchy.
DDELINK	Establishes a DDE link with a server, in one of four modes.
DDEDATA	Pokes or retrieves data to or from the DDE server.
DDEMODE	Used only with Get_Property, returns the connection mode for the current DDE session.
DDESERVICE	Part one of the DDE three-level hierarchy.
DDETOPIC	Part two of the DDE three-level hierarchy.
DEFAULT	Returns or sets the DEFAULT property to one (and only one) button in a window.
DEFPROP	Returns or sets a value of the default property for that control.
DESIGNMODE	A boolean property that, when set, implements the following behavior on a control:
DESTROY_FLAG	Use with Get_Property only.
DEVMODE	Returns the value of the DV switch used to launch OpenInsight.
DRAGFORMATLIST	Contains an @fm-delimited list of data formats being dragged.
DRAGTEXTSELECTION	Contains the starting point and length of the selected text used for a drag operation.
DRAGSELROWCOUNT	Contains the numbers of rows being dragged from a row-oriented control.
DRAGSELROWS	Contains the row numbers of the data being dragged from a row-oriented control.
DRAGPOS	Contains the client coordinates of the mouse (i.e relative to the control's client area) when the drag operation started.
DRAGCOPY	A boolean property denoting if a drag source control allows a copy operation
DRAGMOVE	A boolean property denoting if a drag source control allows a MOVE operation.
DRAGCELLPOS	Contains the cell position of data begin dragged within an edit table.
DRAGBUTTON	Contains a number specifying which mouse button was used to start the drag operation.
DRAGSOURCE	Contains the name of the OpenInsight control that is the "drag source" during a drag operation.
DRAWTEXT	Specifies whether the value contained in the HELPTTEXT property is displayed as text on the screen or as balloon help.
DROPACCEPT	Set to false during a DRAGOVER event to stop OpenInsight from performing data comparisons against the drop target until the control is entered again.
DROPCOPY	A boolean property denoting if a drop source control allows a copy operation.
DROPSOURCE	Contains the name of the OpenInsight control that is the "drag source" during a drag operation. For use with Get_Property only.
DROPDOWN	Drops down the list box (Set_Property), or returns true or false (Get_Property).

DROPFORMATLIST	Contains an @fm-delimited list of data formats accepted by the control.
DROPMOVE	A boolean property denoting if a drop source control allows a MOVE operation.
DROPRESULT	The DropResult property is set to prevent OpenInsight from performing any default data copy or move operations after the DRAGROP event returns.
DROPTARGET	Contains the name of the OpenInsight control that is currently the target of a drag-drop operation.
DROPTYPE	Used during the DRAGDOP event to let the system know what operation took place.
DSOHANDLE	Returns the handle of the DataSet associated with a control.
DTHANDLE	Returns the underlying handle of the datatable object.
DUMMYCAPTION	Allows the specified control to behave as if it is the title (or caption) bar of a window.
ECHO	If the specified control has a CHAR event, this property allows you to turn the echo of user keystrokes on or off.
ENABLED	Allows a disabled control to issue an event, or disables a control.
ENABLEDRAG	A boolean property to allow data to be dragged from that control.
ENABLEDRAGLIST	A boolean property to allow combobox lists to be dragged from that control.
ENABLEDRAGROWS	A boolean property to allow selected rows within an editable to be dragged from that control.
ENABLEDROP	A boolean property to mark the control as a drop target.
ENABLEDROEXPAND	A boolean property to allow the control to respond to mouse hover notifications and expanding a node automatically.
ENABLEDROSCROLL	A boolean property to allow the control to respond to mouse hover notifications while data is dragged over the control.
ENABLEDROPLIST	A boolean property to allow simple combo box drop target controls to register their list component as a drop target.
EVENTQUALIFIER	Sets or retrieves the event qualifier for the MENU event of a MENU item.
EVENROWCOLOR	Set and retrieve the RGB color of even numbered rows within an edit table.
EXITCODE	Returns the exit code (integer) of the last Windows application started by Utility ("RUNWIN", ...).
FOCUS	Used to determine if a control has focus, or to set focus to a control.
FOCUSCELLCOLOR	Defines the color to use for the cell that currently has focus within the edit table.
FOCUSCELLFONT	Defines the font to use for the cell that currently has focus within the edit table.
FOCUSRECTCOLOR	Defines the color of the rectangle drawn around the cell with focus.
FOCUSRECTSTYLE	Defines how the focus rectangle is drawn around the cell with focus.
FOCUSRECTWEIGHT	Defines the thickness of the rectangle drawn around the cell with focus.
FONT	Sets or returns the font and its characteristics that are assigned to the control.
FontStructure	FontStructure attributes for the FONT property are as follows.
FORECOLOR	Returns or sets the foreground color of the specified control.
GOTFOCUS_CONTROL	Identifies the last control on the window that had an event handler defined for the GOTFOCUS event.
GOTFOCUS_VALUE	When a control gets focus, the value of that control's TEXT property is saved in GOTFOCUS_VALUE.
GRADIENTSTYLE	Sets and retrieves the gradient style of the background color of a window.
HANDLE	Windows handle for the object.
HEADERHEIGHT	Set or retrieve the height of the header row in an edit table control.
HELPTTEXT	For controls, gets or sets text to be displayed as balloon help.
HOLD_EVENTS	Holds Windows messages in the Presentation Server's queue until OpenEngine completes the current event processing.
HPOSITION	Returns or sets position of slide in a horizontal scroll bar.
ICON	This property sets or returns the path to an icon file (.ICO).

ID	Retrieves the current primary key associated with the form.
IDLEPROC	Value is an @FM-delimited array:
IMAGE	Set_Property() sets the bitmap control to display the raw image, as actually read from an image file.
IMAGECLIP	Set to true to clip the image (only show as much of the image as fits into the control) or false to resize the image to the size of the control.
IMAGECOUNT	Specifies the number of images in a bitmap.
IMAGENUMBER	Specifies the image to display for a multi-image bitmap.
IMAGEOFFSET	For clipped bitmaps, this property specifies the location within the image (not within the control) to draw from.
IMAGEORIGIN	For clipped bitmaps, this property specifies the location within the control (not the image) to treat as the origin.
INVALUE	Sets or retrieves DEFPROP property of the control in internal format.
ITEMSTYLE	Sets or retrieves a menu style, which is a combination (BitOr) of any number of the following values:
IOOPTIONS	Sets/Gets the file I/O options for the window.
LABEL	Text used as a heading for columns in an edit table control.
LIMIT	Returns count of items in a control.
LIST_EX	Returns or sets what the list would be if fully expanded.
LIST	Returns or sets the items that appear in the list box or drop-down list box.
MAXIMIZESIZE	The MAXIMIZESIZE sets and retrieves the maximum size coordinates for a window.
MDIACTIVE	Set_Property activates the specified MDI child window.
MDIFRAME	Returns the name of the MDI frame for an MDI child window, or null if the specified window is not an MDI frame or child.
MISC	Returns or sends a string of user-defined data.
MODAL	Allows you to disable all existing (at the time the property is set) windows, or all windows that belong to the OpenInsight application.
MODIFIED	Checks, sets, or resets the Boolean Modified flag, for combo and edit boxes, and for an edit line.
MV	Returns true, if the specified control is associated with a multi-value table column.
NEXT	With Get_Property(), returns the next object in the tab order.
NOACCELTRANSLATION	A boolean property that will stop the passing of an OLE control's keystroke processing to the OpenInsight Presentation Server.
NOTIFYPOS	Returns the position where the last action occurred.
ODDROWCOLOR	Set and retrieve the RGB color of odd numbered rows within an edit table.
ORIG_SIZE	Returns the original size and position of the specified control.
ORIG_STRUCT	Used only with Get_Property(), returns the structure with initial values of the control.
ORIG_XXX	You can use the ORIG_XXX properties to reset control properties to their original values.
PAGELIST	Determines whether a particular control should be displayed on all pages of a multi-page form, or the current page only.
PARENT	Returns the parent (or owner) name of the specified control.
PART	If the control is linked to a key field which is a multi-part key, returns which part of the key this control is linked to.
POPUP_LIMIT	Returns the number of menu items in a menu popup that the specified item belongs to.
POPUP	Name of menu popup item the specified menu item belongs to.
POS	Returns the position of the column, relative to the data table structure, associated with the specified control.
POSITION	Returns the position (starting with 1) of a menu item in a menu popup the item belongs to.
PREVFOCUS	Returns the last control that had focus.
PREVIOUS	With Get_Property, returns the previous object in the controls tabbing order for the window.
PREVSELPOS	Returns the previously selected cell in an edit table.

PSSTYLE	A Get_Property only property that returns the current Presentation Server style for a control.
QBFLIST	Sets or returns the browse list of Native Table keys for QBF (Query By Form).
QBFPOS	Returns the absolute position of the current Native Tables record in a QBF (Query By Form) list.
QBFSTATUS	Used only with Get_Property, determines whether or not QBF (Query By Form) is active.
QUERYEND	Get_Property returns a Boolean value that indicates whether the Windows message WM_QUERYENDSESSION is being processed by OpenInsight.
RECEIVER	Get_Property() returns an object that was set as receiver of messages sent through the OpenEngine C interface.
RECORD	When set, allows you to override the default @RECORD associated with the current window.
REDRAW	When set to false, prevents the display of visual changes in a particular window until re-set to true.
REPOS_TYPE	Returns the repository type classification for the specified window.
REQUIRED	When true, requires control to contain data. Used primarily with database linked controls.
ROWDATA	Fills or retrieves the current row of the edit table as an @FM-delimited array of cells.
ROWLIMIT	Set and retrieve number of allowable rows within an edit table.
ROWSHADE	A boolean property that will paint alternating edit table rows in different colors.
RTFTEXT	Set and retrieve RTF text from an edit box which has the Rich Editor property set.
SAVEWARN	Set to true by the system when changes are made to data in bound controls.
SELECTION	With Get_Property, returns the starting position and length of selected text in the control.
SELPOS_EX	Returns the expanded position of the selected item in a (hierarchical) list box.
SELPOS	Returns or sets the position (starting with 1) of the selected position in an edit table or list box.
SERVERNAME	Returns the OpenEngine ServerName used by OpenInsight.
SIZE	Returns or sets the size and position of the specified control.
SORTEDCOL	Allows you to sort the contents of an edit table by a specified column.
STATUSLINE	Sets or retrieves the name of the control that displays help text for menu items and bitmapped buttons.
STYLE(STYLE_EX)	Sets or retrieves the Windows SDK style (long integer) for a control.
TABLE	Returns the name of the table linked with the specified control.
TABOUTEXCEED	When set to true, and size limit for a control's text value is reached, automatically tabs to the next control.
TABSTOPS	Returns or sets the number of pixels, from the origin, between tab stops in a control.
TEXT	Returns or sets text values which appear in the control.
TEXTVAL	Same as TEXT property, but converts @TM,@SVM,@VM to <CR>/<LF> for Set_Property, and <CR>/<LF> to @TM for Get_Property.
THEMED	Determines if the desktop is using themes.
TIMER	Starts or stops the timed generation of TIMER events for a window.
TOPPOS	Indicates the position of the top-most visible item in a list box, or the top and left-most visible cell in an edit table.
TRACKINGSIZE	The TRACKINGSIZE sets and retrieves the minimum and maximum size coordinates for a window.
TYPE	Returns the formal control type name for the specified control.
UDPLIST	This property provides a method of obtaining a list of user-defined properties for a control.
UTF8	Setting the SYSTEM UTF8 property will ensure that UTF8 processing is enforced within an application.
VALID	Returns the input validation specification for the named control, or null if none is specified.
VALUE	Returns or sets the value of a selected radio button or tab within a tab control.
VALUES	Returns or sets the values within a tab control.
VERSION	Returns Windows version :@FM:OpenInsight version.
VISIBLE	Returns or sets visibility status of specified control.

VPOSITION	Returns or sets position of slide in a vertical scroll bar.
XLIST	Returns or sets the items that appear in the list box or drop-down list box.
System_Object	The SYSTEM object code is contained in a file called PMProp2.cpp in the PM_SysProperty function..

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