

# OpenInsight Events

A close look at event driven processing reveals discrete, self-contained objects that interact based on user action, not on a pre-determined system flow. Objects communicate with other objects by sending messages about events that occur in the application. When an object receives a message, a response is triggered and some activity occurs in the application.

Event messages can be sent in two ways - automatically by the operating system in response to some physical event, such as the click of a mouse or the pressing of a key; or, programmatically, when you want to change the state of an object, initiate some other process, or simulate a physical action.

This chapter contains a summary listing of OpenInsight events, arranged in alphabetical order. Available information includes a brief description of each event, syntax, an explanation of parameters, as well as sources of other information on the event (where applicable). Icons are used to label events whose default event handler was designed to be used exclusively with Lotus Notes, or with OpenInsight native data.

For more information on OpenInsight events, refer to the *Guide to Application Development*.

## OpenInsight Events Reference

Event	Description
ACTIVATED	Occurs when a window or control on a window gets focus. Activating an MDI child also activates the frame
ARRANGEI CONS	Arranges MDI children inside client area
BUTTOND OWN	Occurs when the mouse button is pressed.
BUTTONUP	Occurs when the mouse button is released.
CALCULATE	Calculates fields based on the control or cell (in an edit table) losing focus.
CASCADE	Cascades all MDI children within the frame.
CHANGED	Occurs when a user has taken an action that might have altered text.
CHAR	Occurs when a character is entered.
CLEAR	Clears the form.
CLICK	Occurs when a user presses, then releases, the mouse button over a control.
CLOSE	Occurs when a window closes.
COLSIZE	Occurs when a column width changes.
CREATE	Occurs as a window begins execution.
DBLCLK	Occurs when a user double-clicks the mouse button over a control.
DDEADVISE	Occurs when a DDE server application notifies OpenInsight that a data item has changed.
DDEERROR	Occurs when a DDE communication fails.
DELETE	Used to delete a record.
DELETEROW	Occurs when a row is deleted from an edit table.
DRAGDROP	This event is fired at a drop target control in response to data being dropped into it.
DRAGOVER	This event is fired at a drop target control in response to data being dragged into, over and out of it.
DRAGEND	This event is fired at a drag source control in response to data being dragged from it.
DRAGSTA RT	This event is fired at a drag source control in response to data being dragged from it.
DROPDOWN	Occurs when the list portion of a combo box is about to drop-down.
DSOABS	Go to the specified absolute row in the DataSet or refresh the form to reflect DataSet changes.
DSOCLEAR	Clear the records in the DataSet.
DSOCOMM IT	Event that triggers writing of DataSet updates to the data source.
DSODELETE	Deletes the current record from the DataSet object.

DSOEXECUTE	Executes a DataSet definition script to establish a DataSet object.
DSOFIRST	Go to the first record in the DataSet.
DSOINSERT	Inserts a record into the DataSet object.
DSOINSTANCE	This event is executed before the create event for the window and allows you to circumvent the normal event processing that creates the DataSet used by the window.
DSOLAST	Go to the last record in the DataSet.
DSONEXT	Go to the next (positional) record in the DataSet.
DSOPREV	Go to the previous (positional) record in the DataSet.
DSOROLLBACK	Acts on the DataSet, rolling back any changes since last commit.
DSOSETPARAM	Passes parameters to the DataSet definition script.
GOTFOCUS	Occurs when focus shifts to the control.
HELP	Programmer defined; usually occurs when user selects a menu item or uses an accelerator key combination to get additional information.
HSCROLL	Occurs when a window is scrolled horizontally.
INACTIVATED	Occurs when a window and all of the child windows (if applicable) no longer have focus.
INSERTROW	Occurs when a row gets inserted into an edit table.
IXLOOKUP	Looks up index.
LOSTFOCUS	Occurs when focus passes from a control to anywhere else.
MENU	Occurs when a user selects a menu item.
MOVE	Occurs when a user moves the splitter bar control.
NOTES	Programmer defined; usually occurs when user selects a menu item or uses an accelerator key combination to get additional information. The NOTES event does not refer to Lotus Notes.
OLE	The OLE event is generated for each message generated by an OLE object that is requested using QUALIFY_EVENT.
OMNIEVENT	User-defined event.
OPTIONS	Programmer defined; usually occurs when user selects a menu item or uses an accelerator key combination to get additional information.
PAGE	Executes a specified page action.
POSCHANGED	Occurs when the position of the edit table cell with focus changes.
QBFABS	Go to a specified position in a QBF (Query By Form) result list.
QBFCLOSE	Close QBF mode.
QBFFIRST	Go to first record in a QBF result list.
QBFINIT	Initialize the QBF mode.
QBFLAST	Go to the last record in a QBF result list.
QBFNEXT	Go to the next record in a QBF result list.
QBFPREV	Go to a previous record in a QBF result list.
QBFRUN	Execute a QBF query.
QBFTABLE	Displays a the records from a QBF result list in tabular format.
READ	Read data into a form from a database.
SIZE	Occurs when a window's size or position has changed.
SUBMIT	PushButton, Static Text, Window

<a href="#">SYSMSG</a>	Occurs when form IO logic wants to report an error or warning.
<a href="#">TILE</a>	Resize MDI children to fill the client area.
<a href="#">TIMER</a>	Occurs when the amount of time specified by the TIMER property has passed.
<a href="#">VSCROLL</a>	Vertical scroll bar.
<a href="#">WINMSG</a>	The WINMSG event is generated for each Windows message that is requested using QUALIFY_EVENT.
<a href="#">WRITE</a>	Write data from a form to a database.

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