

# OLE

## Applies to

OLE objects

## Description

The OLE event is generated for each message generated by an OLE object that is requested using [QUALIFY\\_EVENT](#).

**Note:** The event qualifier `ALL_OLES` sends all OLE messages to the specified event handler. To determine which events are being generated by an OLE control, examine the `EventName` parameter after using the `ALL_OLES` qualifier to handle all OLE events.

**Note:** The event qualifier `ALL_WINMSGs` sends all Windows messages to the OLE object's [WINMSG](#) event handler. Use the `ALL_WINMSGs` event handler to process Windows messages sent to OLE objects.

## Syntax

`bForward = OLE (CtrlEntID, CtrlClassID, hWnd, Message, wParam, lParam)`

## Parameters

OLE events send the following parameters:

Parameter	Description
<code>EventName</code>	The name of the OLE event
<code>Param1...Param10</code>	Up to 10 parameters, separated by commas.

**Note:** Special Event Qualifier parameters for OLE events that can be optionally passed. These are:

Param	Usage
1	Modify Flag. Same as for other events. 0 = clear event; 1 = set event
2	Event Qualifier. Same as for other events. However, this is optional if param<3> is supplied. Also for OLE events, the arg count prefix is optional and is ignored if supplied.
3	Event Name. Overrides the event name sent to <a href="#">Send_Event()</a> .
4	Synchronous flag. 0 = event is posted to the Windows message queue to be processed at a later time. 1 = event is fired immediately.
5	Suppress Name flag. 1 = Do not pass OLE event name to event handler.
6	Pass Dispid flag. 1 = Pass OLE dispid to event handler.
7	Pass single parameters. 0 = Pass OLE event parameters as a single argument, delimited by field marks.

## See also

[QUALIFY\\_EVENT message](#)

## Example: Directing Windows Messages to a WINMSG Event handler

```
/* direct all Windows messages to the WINMSG event in the OLE control called HTML. */
OleEvent = 'ALL_WINMSGs'
x=Send_Message(@WINDOW:'.HTML', 'QUALIFY_EVENT', OleEvent, 1)
```

## Example: Directing OLE Messages to an OLE Event Handler

```
/* direct all OLE messages to the OLE event in the OLE control called HTML.  
Fire the event immediately.  
Send the parameters in a single field mark delimited variable. */  
Qualifier = ''  
Qualifier<1> = 1  
Qualifier<4> = 1 ; * synch  
Qualifier<7> = 0 ; * single param  
OleEvent = 'ALL_OLES'  
x=Send_Message(@WINDOW:'.HTML', 'QUALIFY_EVENT', OleEvent, Qualifier)
```