

## GetMouse

```
        Print "The marquee has disappeared."
    endif

    return 0 // return value doesn't really matter
End
```

### See Also

The **SetMarquee** and **SetFormula** operations. **Setting Bit Parameters** on page IV-12 for information about bit settings.

## GetMouse

### GetMouse [/W=*winName*]

The GetMouse operation returns information about the position of the input mouse, and the state of the mouse buttons.

GetMouse is useful in situations such as background tasks where the mouse position and state aren't available as they are in control procedures and window hook functions.

### Flags

/W= <i>winName</i>	Returns the mouse position relative to the named window or subwindow. When identifying a subwindow with <i>winName</i> , see <b>Subwindow Syntax</b> on page III-92.
/W=kwTopWin	Returns the mouse position relative to the currently frontmost non-floating window.
/W=kwCmdHist	Returns the mouse position relative to the command window.
/W=Procedure	Returns the mouse position relative to the main Procedure window.

### Details

GetMouse returns the mouse position in local coordinates relative to the specified window unless /W is omitted in which case the returned coordinates are global.

On Windows, global coordinates are actually relative to the frame window. See **GetWindow** *wsizedC* *kwFrameInner*.

Information is returned via the following string and numeric variables:

V_left	Horizontal mouse position, in pixels.
V_top	Vertical mouse position, in pixels.
V_flag	Mouse button state. V_flag is a bitwise value with each bit reporting the mouse button states:  Bit 0: 1 if the primary mouse button (usually the left) is down, 0 if it is up. Bit 1: 1 if the secondary mouse button (usually the right) is down, 0 if it is up.  On Macintosh, the secondary mouse button can be invoked by pressing the control key while clicking the primary (often the only) mouse button, but GetMouse does not report this with bit 1 set. Use <b>GetKeyState</b> 's bit 4 to test if the control key is pressed.  See <b>Setting Bit Parameters</b> on page IV-12 for details about bit settings.
S_name	Name of the window or subwindow which the position is relative to, or "" if not a nameable window or if /W was omitted. Most useful with /W=kwTopWin. The result can be kwCmdHist or Procedure, or the name of a target window.

### See Also

**GetWindow**, **GetKeyState**, **SetWindow**, **WMWinHookStruct**, **WMButtonAction**

**Background Tasks** on page IV-319, **Subwindow Syntax** on page III-92

## GetRTErr

### GetRTErr (*flag*)

The GetRTErr function returns information about the error state of Igor's user-defined function runtime execution environment.