```
Int32 eventCode         // See details below
Int32 eventMod          // See Control Structure eventMod Field on page III-438
String userData         // Primary unnamed user data
Int32 blockReentry      // Obsolete, see Control Structure blockReentry Field on page
III-439
Variable curval         // Value of slider
EndStructure
```

The constants used to specify the size of structure char arrays are internal to Igor Pro and may change.

WMSliderAction eventCode Field

Your action function should test the eventCode field and respond only to documented eventCode values because other event codes may be added in the future.

The event code passed to slider action procedure has the following meaning:

Event Code	Event
-3	Control received keyboard focus (Igor8 or later)
-2	Control received keyboard focus (Igor8 or later)
-1	Control being killed
1	Value set
2	Mouse down
4	Mouse up
8	Mouse moved or arrow key moved the slider
16	Repeat timer fired (see **Repeating Sliders** on page III-418)

The event codes greater than zero are bits that may be combined in certain cases. For instance, if your slider does not have the live mode set, you may receive event code 5 = 1+4. This indicates that a mouse up event was detected, and that mouse up set the slider's value.

For a demo of many of these events, see **Handling Slider Events** on page III-430.

WMTabControlAction

This structure is passed to action procedures for tab controls created using the **TabControl** operation.

```
Structure WMTabControlAction
    char ctrlName[32]       // Control name
    char win[200]           // Host window or subwindow name
    STRUCT Rect winRect     // Local coordinates of host window
    STRUCT Rect ctrlRect    // Enclosing rectangle of the control
    STRUCT Point mouseLoc   // Mouse location
    Int32 eventCode         // See details below
    Int32 eventMod          // See Control Structure eventMod Field on page III-438
    String userData         // Primary unnamed user data
    Int32 blockReentry      // Obsolete, see Control Structure blockReentry Field on page
    III-439
    Int32 tab               // Tab number
EndStructure
```

The constants used to specify the size of structure char arrays are internal to Igor Pro and may change.

WMTabControlAction eventCode Field

Your action function should test the eventCode field and respond only to documented eventCode values because other event codes may be added in the future.

The event code passed to tab control action procedure has the following meaning:

Event Code	Event
-3	Control received keyboard focus (Igor8 or later)
-2	Control received keyboard focus (Igor8 or later)
-1	Control being killed
2	Mouse up