
Subject: ActiveX events

Posted by [b_gom](#) on Thu, 22 Jul 2004 22:37:42 GMT

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I'm trying to use some 3rd party ActiveX components from within IDL, and I'm having some trouble with handling events. The vendor only supplies Visual Basic examples, so I'm hoping someone can help interpret them in an IDL context.

Here's the main part of the Visual Basic Example. The form has an A32Event object placed on it named A32Event1.

```
-----  
IRc = A32Event1.StartEvent ' Enable the event  
If(IRc <> aerNoErr ) Then ' If error starting the event  
    MsgBox( A32Control1.ErrorMessage ( IRc )) ' display the error  
message  
End If
```

```
Private Sub A32Event1_AxisEvent()  
    MsgBox " An axis fault has occurred !"  
End Sub
```

```
Private Sub Form_Unload(Cancel As Integer)  
    A32Event1.StopEvent ' Disable the Event on program exit !  
End Sub  
-----
```

Here's the IDL version:

```
-----  
A32event_widget = widget_activex(tlb,  
'{4D53B793-1B0F-11D6-A2CF-0001022E1B44}', EVENT_PRO='wid_event',  
xsize = 1, ysize = 1, uval='A32event')
```

```
WIDGET_CONTROL, A32event_widget, get_value=A32Event  
...  
result = A32Event ->StartEvent() ; Enable the event  
-----
```

When I call the StartEvent method, the object returns an internal error code of: "The Callback Event is invalid", and I never get any widget events. Any ideas how I could debug this problem, since the vendor claims it is an IDL problem? How does IDL translate ActiveX events into widget events? How do I know if IDL is not translating the events properly?

Has anyone had troubles with ActiveX events?

Thanks

Brad Gom
