
Subject: Xmanager R US

Posted by [Pavel A. Romashkin](#) on Tue, 25 Sep 2001 21:20:33 GMT

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I know they told us not to do this, but...

Anyone who looked into Xmanager saw that it uses event directing loops.

It tracks managed widgets using common blocks. However, WIDGET_CONTROL must have an internal reference to WIDGET_EVENT, because the following snippet works in a fresh IDL session, with no Xmanager common blocks established:

```
.*****  
,  
pro tlb_event, ev  
help, ev, /str  
end  
.*****  
,  
function b_func, ev  
help, ev, /str  
ev = create_struct(ev, 'my_field', 'My_value')  
return, ev  
end  
.*****  
,  
pro junk, tlb  
tlb = widget_base(event_pro='tlb_event')  
but = widget_button(tlb, value='press', event_func='b_func')  
widget_control, tlb, /realize, /managed  
end  
.*****  
,
```

Anybody knows why and how does the above work?

This makes me wonder, why do we need Xmanager with its loops?

Besides, the online help says that an Event_pro or Event_func are called by Widget_event using widget's ID as an argument. As far as I could see, the widget's event structure is passed as an argument instead. Oh well.

A typo, I guess.

Cheers,

Pavel
