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Subject: quit/close events on mac

Posted by [Stewart Allen](#) on Fri, 14 May 2010 06:39:47 GMT

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Hi all,

I'm running IDL 7.0 on a mac under leopard 10.5.8. I'm trying to create a widget program, but I can't seem to get the window manager to respond to quit events. Specifically, the window's default 'quit' button is unresponsive to events.

For example consider the following simple code that creates a single 'done' button, along with event handlers

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```
; event handler for done button widget
PRO example_event, ev
  help,/traceback
  WIDGET_CONTROL, ev.top, /DESTROY
END
```

```
; dummy cleanup routine with a print statement so we know we are in
it.
```

```
PRO example_cleanup, base
  help,/traceback
  print,'cleaning: ',base
END
```

```
; End of the event handler part:
```

```
; This is the routine that creates the widget and registers it with
```

```
; the XMANAGER:
```

```
PRO example
```

```
; Create the top-level base for the widget:
```

```
base = WIDGET_BASE(TITLE='Example')
```

```
; Create a nice BIG Done button:
```

```
done = WIDGET_BUTTON(base, VALUE = 'Done',xsize=200,ysize=50)
```

```
; Realize the widget (i.e., display it on screen):
```

```
WIDGET_CONTROL, base, /REALIZE
```

```
; Register the widget with the XMANAGER, leaving the IDL command
```

```
; line active:
```

```
XMANAGER, 'example', base $
  , cleanup='example_cleanup' $
  , /NO_BLOCK
```

```
; End of the widget creation part:
```

END

-----

If I run example, it creates the widget correctly. Then, if I click the done button, it calls the event handler, which in turn calls the cleanup handler - as I expect. However, if I click the window's 'quit' button (i.e. the default window quit button next to the minimize and maximize buttons), the cleanup handler is not triggered... but I can't understand why not!

If I run this code on a linux box, with X-forwarding back to my mac, the quit button works as it should... This has me well puzzled.

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