
Subject: Please help with buggy widget code
Posted by [rouse](#) on Tue, 26 Jul 1994 19:18:00 GMT
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Hi All,

This one's really got me baffled. I've already run it by our local expert.

The original program was suppose to allow the user to select from a list the name of a FITS format file to open, read, and then plot. I've shortened it into a test version. The problem is this. After the first 1 or 2 reads some variable becomes undefined causing the FITS reader to crash. Is there something about event handlers and reading files that I'm missing here? The FITS reader is READFITS.PRO in astrolib. I'm running version 3.0.0 on a DECstation 5000 with Ultrix4.2A. I've included the test version below. It's suppose to read the same file over and over but crashes on the second read. Any old FITS file should work. If someone would like to try it with same file please e-mail me. This was really a great and efficient user interface until it broke. Any hints or suggestions would be appreciated.

Thanks, Roger

PRO test6_event, event

common TEST6_DATA, total_junk

type = tag_names(event, /structure)

CASE type OF

```
'WIDGET_BUTTON': BEGIN
    widget_control, event.id, get_value=value
    CASE value OF
        'Exit': widget_control, event.top, /destroy
        'Next': BEGIN
            print,'reading'
            data=readfits('tmp.fits')
            print,'ok'
            print,total_junk
        END
        ELSE: print, 'Uhhh, what?'
    ENDCASE
END
ELSE: print, "I'm not suppose to be here."
ENDCASE
```

END

FUNCTION test6

```
common TEST6_DATA, total_junk

total_junk = 0

base=widget_base(title='test6',/row)
xmenu,['Exit','Next'],base,/row

widget_control, base, /realize

xmanager,'test6',base

RETURN, 1
END
```
