
Subject: Weird compilation behaviour...

Posted by [stefan.meingast](#) on Wed, 12 Feb 2014 13:37:37 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hey

I have been experience very strange things with a part of my code. Until recently everything worked normally, but suddenly a compilation error popped up.

I will post the part of the code at the end of this message. When I compile it I get a syntax error in line 23 and 39 at the location of the first '=' sign, even though there is no error in the code. If I comment everything of the first plot command (the errorplot), then the rest compiles fine. Now when I reactivate the errorplot, the entire code compiles without errors. Any ideas what might be causing this?

I am using IDL 8.1 and I can't upgrade since its too expensive. :(

Any help would be appreciated!!
thanks

Here is the part of the code that gives me trouble written in a stand-alone dummy program:

PRO dummy

```
;Convert MJD-OBS to relative observing time
timearr = (timearr - MIN(timearr)) * 24D
```

```
;Generate QC ZP plot
plot = ERRORPLOT(photstab, czp[0,*], czp[1,*], $
    ERRORBAR_COLOR = 'BLACK', $
    ERRORBAR_CAPSIZE = 0.1, $
    LINESTYLE = '-', $
    THICK = '2', $
    COLOR = 'BLACK', $
    'o', SYM_FILLED = 1, SYM_SIZE = 1, SYM_COLOR='CRIMSON', $
    XTITLE = 'Photometric stability ID', $
    YTITLE = 'ZP [mag]', $
    POSITION = [0.1,0.1,0.9,0.4], $
    XRANGE = [0, ncoadds + 2U], $
    DIMENSIONS = [1200,800], $
    YMAJOR = 5, $
    /BUFFER)
```

```
;Plot used sources
nplot = PLOT(photstab, czp[2,*], 'o', SYM_COLOR = 'BLACK', $
    SYM_FILLED = 1, SYM_SIZE = 1, $
```

```
YTITLE = '# sources', $  
YMAJOR = 4, $  
POSITION = [0.1,0.4,0.9,0.6], $  
XRANGE = [0, ncoadds + 2U], $  
/CURRENT)
```

```
nplot['axis0'].SHOWTEXT = 0  
nplot['axis1'].SHOWTEXT = 0  
nplot['axis2'].SHOWTEXT = 1  
nplot['axis3'].SHOWTEXT = 1
```

```
;Replot sorted by time  
plotext = MAX(timearr) * 0.02  
tplot = PLOT(timearr, czp[0,*], $  
    LINESTYLE = ' ', $  
    'o', SYM_FILLED = 1, SYM_SIZE = 1, SYM_COLOR='CRIMSON', $  
    XTITLE = 'Rel. observing time [h]', $  
    YTITLE = 'ZP [mag]', $  
    POSITION = [0.1,0.7,0.9,0.95], $  
    XRANGE = [0 - plotext, MAX(timearr) + plotext], $  
    YMAJOR = 5, $  
    DIMENSIONS = [1200,800], $  
/CURRENT)
```

END
