Subject: Weird compilation behaviour...
Posted by stefan.meingast on Wed, 12 Feb 2014 13:37:37 GMT
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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
```