
Subject: vector subscripts not working
Posted by [jjaxinxin](#) on Mon, 26 May 2014 05:42:34 GMT
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Hi,Everyone

why the routine gives me an error message:

% Array subscript for X must have same size as source expression.

***** *

```
pro timestrap
  set_plot,'win'
  rawfile=file_search('D:\20130313\LuckImage_3\*.fits') & DEVICE,DECOMPOSED=0 &
  LOADCT,0
  data=fltarr(400,300,242)
  window,1,xs=350,ys=500
  for i=0,242-1 do begin
    a=readfits(rawfile[i],h) & a=a/mean(a)*500 & a1=readfits(rawfile[i+3],h) &
    a1=a1/mean(a1)*500
    log=0
    if (log eq 1) then begin
    endif else begin
      a=a1-a & jz=15
      if(max(a)gt jz)then a(where(a gt jz))=jz
      if(min(a)lt -jz)then a(where(a lt -jz))=-jz
    endelse
    a=a[524:*,30:530-1] & b=fltarr(750,750) & b [125:624,125:624]=a & b=rot(b,-30)
    b=b[275:674,225:524]
    data[*,*,i]=b
  endfor
  cc=fltarr(250,460) & for i=0,22 do cc[*,i*20+1:i*20+19]=data[150:*,120+7:138+7,i*4+10]& tvscl,cc
end
```

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jjaxinxin

<http://compgroups.net/comp.lang.idl-pvwave/>

Subject: Re: vector subscripts not working
Posted by _____ on Mon, 26 May 2014 06:57:45 GMT
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Den måndagen den 26:e maj 2014 kl. 07:42:34 UTC+2 skrev jjaxinxin:

> Hi,Everyone

>

> why the routine gives me an error message:

>

> % Array subscript for X must have same size as source expression.

You could just do "help" for both the left hand side and the right hand side of the assignment that gives the error.

Like

```
IDL> help, b[125:624,125:624], a
```

or

```
IDL> help, cc[*;i*20+1:i*20+19], data[150:*,120+7:138+7,i*4+10]
```

depending on which line has the error.

Subject: Re: vector subscripts not working
Posted by [jjaxinxin](#) on Wed, 28 May 2014 10:02:44 GMT
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Thank you very much!

jjaxinxin

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Subject: Re: vector subscripts not working
Posted by [jjaxinxin](#) on Wed, 28 May 2014 10:02:55 GMT
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Unfortunately, if i change the data used by the routine can run .
