
Subject: problem with idl program

Posted by [Ali Gamal](#) on Sun, 27 Sep 2015 18:32:42 GMT

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

Hi,
when I run idl program, this message appears

.....

```
IDL> .r 20150711scan02_iquv_2_1.pro
```

```
% Compiled module: $MAIN$.
```

```
% Subscript range values of the form low:high must be >= 0, < size, with low <= high: <FLOAT  
Array[1024, 128]>.
```

```
% Execution halted at: $MAIN$          29 /20150711scan02_iquv_2_1.pro
```

.....

This from source programe

```
yr=[50,450]
```

```
swit=2e4
```

```
xr=[400,800]
```

```
ss=size(arr0)
```

```
nx=ss[1]
```

```
ny=ss[2]
```

```
nf=ss[4]
```

```
nny=yr[1]-yr[0]+1
```

```
arr=fltarr(nx,nf,nny)
```

```
for ii=0,3 do begin
```

```
  if ii eq 0 then begin
```

```
    for i=0,nf-1 do begin
```

```
      arr[* ,i]= (arr0[* ,*,0,i])[*,yr[0]:yr[1],0,0] ; line 29
```

```
    endfor
```

.....

what can I do ?

Subject: Re: problem with idl program

Posted by [David Fanning](#) on Sun, 27 Sep 2015 18:35:04 GMT

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

Ali Gamal writes:

>

> Hi,

> when I run idl program, this message appears

>

> IDL> .r 20150711scan02_iquv_2_1.pro

> % Compiled module: \$MAIN\$.

> % Subscript range values of the form low:high must be >= 0, < size, with low <= high: <FLOAT

```
Array[1024, 128]>.
> % Execution halted at: $MAIN$          29 /20150711scan02_iquv_2_1.pro
> .....
> This from source programe
>
> yr=[50,450]
> swit=2e4
> xr=[400,800]
>
> ss=size(arr0)
> nx=ss[1]
> ny=ss[2]
> nf=ss[4]
> nny=yr[1]-yr[0]+1
> arr=fltarr(nx,nf,nny)
> for ii=0,3 do begin
>   if ii eq 0 then begin
>     for i=0,nf-1 do begin
>       arr[* ,i,*]=(arr0[* ,*,0,i) [* ,yr[0]:yr[1],0,0] ; line 29
>     endfor
>   endfor
>
> .....
> what can I do ?
```

Check all your assumptions. Make sure all your variables contain the values you think they do.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thue. ("Perhaps thou speakest truth.")
