
Subject: Re: IDL and me!

Posted by [Paolo Grigis](#) on Wed, 21 Sep 2005 15:30:14 GMT

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Liberum wrote:

```
> Hi Guys and Gals,
>
> As a nascent IDL user I have come across a little problem that really
> chaps my hide! Any help would really be appreciated!
> Consider the following file-reading code:
>
> OPENR, LUN, file, /GET_LUN
> s = ""
> FOR i = 0, n_lines - 1 DO BEGIN
>   READF, LUN, s ; reads the file line by line into string s
>   d = STRSPLIT(s, /EXTRACT)
>   col1 = d[0] & col2 = d[1] & col3 = d[2] & col4 = d[3]
>   IF FIX(col1) EQ -10 THEN bias[i] = 0
>   IF FIX(col1) EQ -5 THEN bias[i] = 1
>   IF FIX(col1) EQ -1 THEN bias[i] = 2
>   IF FIX(col1) EQ 0 THEN bias[i] = 3
>   IF FIX(col1) EQ 1 THEN bias[i] = 4
>   IF FIX(col1) EQ 5 THEN bias[i] = 5
>   IF FIX(col1) EQ 10 THEN bias[i] = 6
>   cth[i] = LONG(col2)
>   occur[i] = LONG(col3)
>   pixels[i] = LONG(col4)
>   hist_data[bias[i], cth[i] - 1] = FLOAT(occur[i])/pixels[i]*100.
```

Maybe unrelated... but are you sure you need the following line
in a for-loop over i? It is usually quite dangerous to change
the values of loop counter variables.

Ciao,

Paolo

```
> i += 1
> ENDFOR
> FREE_LUN, LUN
>
> Now all I'm trying to do is to read the contents of this file into an
> array. Now when I run this script I get:
>
> % Attempt to subscript D with <INT ( 1)> is out of range.
>
> Now how can this be when d has 4 elements and I have not looped outside
> of [0, 3] ??????????????
>
> Sincerely,
```

> Lib

>
