
Subject: IDL and me!

Posted by [Liberum](#) on Wed, 21 Sep 2005 14:26:45 GMT

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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.
    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
