
Subject: Array indexing surprises

Posted by [Larry Kneller](#) on Tue, 07 Sep 2010 22:01:52 GMT

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

I received this question from a guy I work with.

The main thing I can't explain here is that if I index an array with too big a number where the index is an array, then it behaves as though there is no problem.

Here is an example program to illustrate:

```
pro jrdc_colors

color=['red','white','blue']

icol=[3]
print,color[icol] ; blue
                ; NO ERROR, NO CRASH IN IDL 7 or 8!

icol2 = [-3,-2,-1,0,1,2,3,4]
print,color[icol2] ; red red red white blue blue blue

print,color[-3] ; blue
print,color[-2] ; white
print,color[-1] ; red

print,color[3] ; ERROR IN IDL 7 AND 8
end
```

I don't know whether this is a bug or it is working as planned. It seems like the first two examples in this code will cause problems with where statements.

-Larry
