
Subject: Re: Array indexing problem
Posted by [hunter](#) on Wed, 28 Jan 2004 21:43:42 GMT
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You can also turn off this feature if it offends.

compile_opt strictarrsubs

And you will get an error for the example you mentioned above.

Eli

"David Fanning" <david@dfanning.com> wrote in message
news:MPG.1a81d8b95abba27f9897bd@news.frii.com...

> Roy writes:

>

>> Is there any existing code that will catch the below IDL simple
>> example? Input a and b must be an array.

>>

>>

>> Input is an array:

>> IDL> b=[4]

>> IDL> a=[0,1,2]

>> IDL> print,a[b]

>> 2

>> This should give me an error.

>

> Alas, you have run into a little known, but enormously
> appreciated, little feature of IDL. (I'm sure it is
> explained in the manuals somewhere. :-)

>

> Maybe something like this for an error handler:

>

> IF Total(b GT ((N_Elements(a) -1)) GT 0 THEN \$

> Message, 'B indices exceed bounds of A'

>

> Cheers,

>

> David

> --

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

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