
Subject: Re: IDL out of range error

Posted by [David Fanning](#) on Tue, 16 Mar 2010 01:57:30 GMT

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Suguru Amakubo writes:

> Hi, I have an error that has been bugging me for 3 weeks that I am
> hoping you could shed some light on.
>
> I am currently trying to create a subset of an image from a bigger
> image and comparing it to another subset of the same dimension.
>
> When I run the program however I receive an error:
>
> Subscript range values of the form low:high must be ≥ 0 , $<$ size, with
> $\text{low} \leq \text{high}$:

Three weeks!? And you haven't learned yet how to put a breakpoint
in your program and have a look around?

This kind of error is a user error 100% of the time.
I've never known it to be anything else in 25 years
of IDL programming. You are making an assumption about
your data that isn't true. When the program crashes,
have a look around. Look at the size of the images
you are subscripting, print out the values you are
using as subscripts. Don't assume anything, your assumptions
are wrong. This is an easy error to spot if you check
everything. There is no need to wait three more weeks
to solve this. :-)

Cheers,

David

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

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