Subject: IDL out of range error
Posted by Suguru Amakubo on Tue, 16 Mar 2010 00:18:05 GMT

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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 dimention.

When I run the program however I recieve an error:

Subscript range values of the form low:high must be >= 0, < size, with low <= high:

I have checked my array and it is in the form:

im=image_file(X1:X2, Y1:Y2)

below is actual line:

sub = new_image2(x0:x0+L-1, y0:y0+L-1)

where x0 and y0 is the coordinate on the large image that the array will be taken from. (L is an integer constant value)

here is the array that I am trying to compare it to:

test = new_image2(i1:i1+L-1, i2:i2+L-1)

(i1 and i2 is the new coordinate that will be allocated by cycling it through using a for loop)

and the equation that i use to compare it with

delta = (total(sub-test))^2

when I checked both sub and test has the same dimention L and they both position in the original image...

I apologise in advance if I haven't provided enough information or made any social errors, its my first post here.