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Subject: How to extract a datarange from a multidimensional array?

Posted by [Bismarck](#) on Fri, 28 Jan 2005 10:01:12 GMT

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Hi,

i have following example data:

x = [0,5,2,6,5,3,9]

y = [1,5,7,4,3,4,8]

to get the (x,y)-pairs in a special range i used the following:

points = WHERE((x LE (5))AND(x GE (2))AND(y LE (7))AND(y GE (3)),count)

Because i accept now the fact, that IDL works faster with array operations instead of for-loops ;)

i want to do the following:

xy=[[0,5,2,6,5,3,9],[1,5,7,4,3,4,8]]

points=???

i tried

points= WHERE ((xy LE[5,7])AND(xy GE[2,3]),count)

but this dont works for me.

I know the solution is for sure simple one, but i cant find it.

THX for every idea.

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