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Subject: Incrementing an Array

Posted by [s007amf](#) on Fri, 27 Apr 2001 20:57:01 GMT

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Once again I am struggling with the finer points of IDL. What I am trying to do seems simple, but is causing me some headaches. What I am trying to do is this:

```
matrix[x,y,z] = matrix[x,y,z] + 1
```

Where matrix is a 3D array and x,y,z are 1D arrays. Matrix starts out all 0's and I am trying to increment values at elements [x,y,z]. The problem

is that some elements should be incremented multiple times. All the proper elements are incremented once, but the second, third, fourth....increments are not showing up. Any ideas? I know that I could write this with loops, but that would be too slow.

Thanks,

Alan

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