
Subject: A[X,Y,Z] -> A[Z,X,Y]

Posted by [greenwoodde](#) on Wed, 09 Aug 2000 07:00:00 GMT

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I'm trying to analyze data from a new experiment using an IDL code from a different experiment. The new experiment has data stored in an array of the form [X,Y,Z] while the code expects [Z,Y,X]. I can do something like (untested):

```
FOR i = 0, z-1 DO BEGIN
  FOR j = 0, y-1 DO BEGIN
    newarray[i, y, *] = oldarray[*, y, i]
  ENDFOR
ENDFOR
```

But I thought perhaps someone (probably several people) here could suggest a better (faster, more elegant, etc.) way?

Fyi, to give some size to the problem, X=1024, Y=39 and Z=3.

Thanks,
Dave

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%STD-W-DISCLAIMER, I only speak for myself
