Posted by a on Wed, 24 Oct 2001 15:47:52 GMT
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For a 3D array, the where function returns the 1D subscript. Can anyone show
me ho to return the full 3D subscript like

```
a = indgen(2,3,2)
print, a
      0     1
      2     3
      4     5

      6     7
      8     9
     10    11

print, where(a eq 10)
     10
```

THis is the 1D subscript. I want it to return the 3D array [0,2,1]

I played with a being a 2D array and found I could get the 2D subscript with

```
a = indgen(2,3)
print, a
      0     1
      2     3
      4     5

print, where(a eq 3)
      3

sz = size(a,/DIM) & sizeX = sz[0] & sizeY = sz[1]
print, [where(a eq 3) mod sizeX, where(transpose(a) eq 3) mod sizeY]
          1          1
```

(took me a while to figure out that transpose!)

The 3D case eludes me, however.
Thandk