## Subject: Re: which array dimensions are contiguous?
Posted by greg michael on Tue, 14 Feb 2006 10:31:45 GMT

Thanks, David. My question was really only about whether the first
dimensions of an array are the contiguous ones, to which I understand
the answer is yes. The indexing mess is different (and probably worse)
than the one I was imagining, so thanks for that, too.

Still, there's something in that article I couldn't grasp...

```
IDL> myArray = FltArr(3660, 1680)
IDL> indices = Randomu(seed, 100000) * 3660L * 1680L
IDL> myArray[indices, indices] = 5
```

I'd have understood if the 3rd line said myArray[indices] = 5. What's
going on here? Why doesn't it cause an error to put in a list of
indices which exceed the dimension?

```
IDL> print,max(indices)
 6.14869e+006
```

I suppose they're being first enumerated into a single list, and then
being applied as 1-d subscripts? I wouldn't have said "No problems with
this. "!

regards,
Greg

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