
Subject: Re: Faster way to "shift" array?

Posted by [David Fanning](#) on Tue, 11 Jun 2013 13:35:44 GMT

[View Forum Message](#) <> [Reply to Message](#)

David Fanning writes:

>
> rjp23@le.ac.uk writes:
>
>> The problem with doing it by a conversion method is that I have a data array that corresponds to the longitude array and things like contour don't like the discontinuities that introduces (e.g. it'd go 179, 180, -180, -179, etc) so I think I need to actually manipulate the positions in the array, rather than the values... (happy to be corrected!)
>
> Well, I don't know. I've worked with map projections for a long time and
> have never felt a need to shift any data. I'm probably doing it wrong.
> ;-)

I do occasionally, not often, have to add a column to a longitude and data array to eliminate a gap in a filled contour plot. But, shifting the data is not going to make any difference when you put the data on a map projection. If it did, you would never be able to move the center of a map projection without shifting the data. And, clearly, you can shift the center of a map projection without changing anything at all about the data.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Seper ma de ni thue. ("Perhaps thou speakest truth.")
