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

Posted by [rjp23](#) on Tue, 11 Jun 2013 13:23:05 GMT

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On Tuesday, June 11, 2013 2:04:57 PM UTC+1, David Fanning wrote:

> I think it is the Where function that is slowing you down. I've always
>
> used the formulas on this page to do the conversion. I've never noticed
>
> them being slow. :-)
>
>
>
> http://www.idlcoyote.com/map_tips/lonconvert.html
>
>
>
> Cheers,
>
>
>
> David
>

Hi David,

I put some timestamps in and it seems that the WHERE is near instantaneous (thousandths of a second) but it is the SHIFT that's slow.

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!)

Cheers

Rob
