Subject: Re: wrong results...
Posted by David Fanning on Mon, 02 May 2005 14:29:38 GMT

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elias writes:

> The following problem probably has something to do with definitions of
> floating, integer etc, but I don't really know to solve it (although i
> am sure the solution will be simple in the end...).
>
> I have a data file that, amongst others, contains some longitude
> columns. The longitude data is defined from -180 to 180 deg in this
> data file. For some consistency with some other analysis I did before,
> I want to convert it to 0-->360 deg.
>
> So simply, I ask when it reads a longitude <0 to do: lon=360+lon
>
> However, I am getting in the new data file created, values of longitude
> more than 600 sometimes.... I am not sure why this happens

This probably occurred to you a fraction of a second after
you hit the SEND button, but if your data goes from -180 to 180,
and you want it to go from 0 to 360, you will add 180 to each
value, not 360. :-)

I don't know where 600 comes from, I would expect a maximum
value of 180 + 360 = 540. Something else must be wrong.

Cheers,

David

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