
Subject: Re: Trig plots auto-shifted (?)
Posted by [A J](#) on Fri, 03 Aug 2012 03:29:38 GMT
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On 3 Aug, 12:27, David Fanning <n...@idlcoyote.com> wrote:

```
> A J writes:
>> Anyone know why IDL plots trig functions of negative numbers as
>> shifted to the positive?
>
>> Example:
>
>> x = -1. * dindgen(100)
>> y = sin(x)
>> plot, y, xrange=[-100,100]
>
>> plots the correct sine function, but over the xrange of [0,100] even
>> though the input xvalues are all negative. I know I could shift it
>> back, but I want to know why it is doing this. Any thoughts?
>
> Because if you only plot the dependent data, it
> creates the independent data like this:
>
> indep = Indgen(N_Elements(y))
>
> I think IDL has done that since the beginning of time. :-)
>
> Cheers,
>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")
```

Yeah I figured that out jsut after I posted. Tried to remove the post,
but, damn, someone saw it first!
