Also, d/dx(f(g(x)))=f'(g(x))*g'(x)   (chain rule), so in your case,
d/dx(sin(x*!dtor))=cos(x*!dtor)*!dtor
If you divide the result from DERIV by !dtor, you'll get the result
you're looking for. My suggestion would be to declare x as
    x=findgen(360)*!dtor
to begin with.

Cheers

David Fanning wrote:
> David Fanning writes:
>
>> Wox writes:
>>
>>> Specify x?
>>>
>>> dx = DERIV(x * !dtor,data)
>>
>> Oh, sorry.
>>
>>   x = findgen(360)
>>
>> David
>>
>
> Oh, sorry. I misunderstood. Yes, this does it. Thank you!
>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming: http://www.dfanning.com/
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")