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Subject: Re: the sky is falling down again

Posted by [Kenneth Bowman](#) on Thu, 01 Feb 2007 20:13:59 GMT

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In article <pan.2007.02.01.19.10.01.382641@as.arizona.edu>, JD Smith <jdsmith@as.arizona.edu> wrote:

```
>> IDL has a built-in double precision value of Pi, so I include
>>
>> DEFSYSV, '!DDTOR', !DPI/180.0D, 1
>> DEFSYSV, '!DRADEG', 180.0D/!DPI, 1
>>
>> in my startup.pro.
>
>
> Good idea. I'm always starting programs with RADEG=180.D/!DPI, but a
> SYSVAR is a better idea. Come to think of it, why don't you suggest
> to ITTVIS to add those? It's a rare coordinate calculation in
> astronomy that doesn't require double float precision in radians.
>
> JD
```

It hadn't occurred to me because it has been in my startup.pro since I first learned about system variables, which was way before I would have thought of asking RSI (I mean IITVIS) to change (gasp!) IDL.

I'll submit a feature request. Additional requests from out there in userland might well improve the probability of success. ;-)

Ken

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