
Subject: Re: FORTRAN -> IDL

Posted by [Harald Frey](#) on Mon, 12 Jan 1998 08:00:00 GMT

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Kelly Dean wrote:

> I am converted some FORTRAN code into IDL, but I am confused what this
> FORTRAN statment "SINE(X)=SIN(.01745329*X) " in this function is trying
> to do.

>
> FUNCTION GETDIST (HEIGHT,ANGLE,ZENANG,SLANT)
> DATA RAD/3437.748/
> SINE(X)=SIN(.01745329*X)
> ARCSIN(X)=57.29578*ASIN(X)
> ANG=ABS(ANGLE)
> FAC=SINE(ANG)/RAD
> .
> .
> .

> Any hints?

>
> Kelly Dean
> CSU/CIRA

!pi/180.=0.0174533

Harald Frey
