
Subject: Re: i need to use this idl function. but how ?
Posted by [Cibi Raj](#) on Wed, 01 Jul 2015 14:22:52 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Friday, 19 June 2015 17:58:44 UTC+2, Cibi Raj wrote:

> Hey i need to use a function called read_wind_mfi.pro
>
> It is from WInd_3dp libraries made for analysing data from Wind spacecraft by Dr. Lynn Wilson of Nasa.
>
> The read_wind_mfi.pro is used to load the magnetic field data which I have stored in my directories.

>
> ;+
> .*****
> ;
> ;
> ; FUNCTION : read_wind_mfi.pro
> ; PURPOSE : Reads in 3-second Magnetic Field Instrument (MFI) data from
> ; the Wind spacecraft and returns a structure composed of the
> ; the GSE magnetic field, its magnitude, and the times
> ; associated with the data in seconds of day (default tag is in
> ; unix time).
> ;
> ; CALLS:
> ; time_range_define.pro
> ; read_cdf.pro
> ; epoch2unix.pro
> ; fix_bfield_data.pro
> ;
> ; REQUIRES:
> ; 1) UMN Modified Wind/3DP IDL Libraries
> ; 2) Wind 3s CDF files from CDAWeb
> ; e.g. 'wi_h0_mfi_YYYYMMDD.cdf'
> ;
> ; INPUT:
> ; NA
> ;
> ; KEYWORDS:
> ; DATE : [string] 'MMDDYY' [MM=month, DD=day, YY=year]
> ; TRANGE : [Double] 2 element array specifying the range over
> ; which to get data structures [Unix time]
> .*****
> ;

> This is the notes given in the read_wind_mfi.pro and it should be called by
>
> IDL> test = read_wind_mfi([arguments],KEYWORDS=[keywords])
>
> this. Now I need to know what to put in the place of arguments and keywords ?

>
> Can you please provide me an example of it , so i could just change the value and put it on IDL.
?

Thank you so much for all of your replies ! these were very helpful. i am accessing the materials given by you :)
