
Subject: i need to use this idl function. but how ?
Posted by [Cibi Raj](#) on Fri, 19 Jun 2015 15:58:41 GMT
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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. ?
