
Subject: Re: FITS to ascii spectra

Posted by [rupai](#) on Thu, 20 Aug 2009 15:56:44 GMT

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On Aug 20, 1:04 am, pp <pp.pente...@gmail.com> wrote:

> On Aug 19, 4:42 pm, rupai <rupali...@gmail.com> wrote:

>

>> is there any IDL procedure that can convert a 1D FITS spectra to an

>> ascii text spectra (e.g. wspectext of IRAF) ?

>

> Download the idlastro library at

>

> <http://idlastro.gsfc.nasa.gov/>

>

> Then you can read the file using something like

>

> fits_read,fits_file,data,header

>

> How to interpret the array data that is returned by fits_read depends

> on how the file was written. It may be necessary to read parameters

> from the header (like initial wavelength and wavelength interval per

> pixel).

>

> Assuming you have the spectrum in an array called data2, then you can

> make a text file with default formatting with just something like

>

> openw,unit,txt_file,/get_lun

> printf,unit,data2

> free_lun,unit

thanks for useful information...

--rupai
