
Subject: Re: FITS to ascii spectra
Posted by [penteado](#) on Wed, 19 Aug 2009 20:04:27 GMT
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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
```