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Subject: How to convert text file to fits file  
Posted by [sid](#) on Thu, 22 Apr 2010 11:21:30 GMT  
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Hi,  
I am having text file with two columns one is wavelength and intensity, I need to convert this to fits file, please help me out in this regard  
regards  
sid

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Subject: Re: How to convert text file to fits file  
Posted by [Aram Panasenco](#) on Tue, 27 Apr 2010 06:09:07 GMT  
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sid wrote:

> Hi,  
> I am having text file with two columns one is wavelength and  
> intensity, I need to convert this to fits file, please help me out in  
> this regard  
> regards  
> sid

Hello sid,

David Fanning has a great tutorial on his site explaining how to read ASCII data files: [http://www.dfanning.com/tips/ascii\\_column\\_data.html](http://www.dfanning.com/tips/ascii_column_data.html)  
(Make sure to check out the rest of his site, it's a great IDL source)

After you have your data as an array or structure, you can use a procedure like MWRFITS or WRITEFITS to save your data as a FITS file. Information on reading and writing FITS files using the IDL Astronomy Library is available here: <http://idlastro.gsfc.nasa.gov/fitsio.html>

Hope this helps,  
~ Aram Panasenco

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