Subject: Re: WRITE_FITS error
Posted by Carsten Lechte on Fri, 20 Aug 2010 13:57:28 GMT

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Gray wrote:
> % WRITEU: Error encountered writing to file. Unit: 100, File:
> HeI__interp.fits.gz
>   Input/output error
> % Error occurred at: WRITEFITS   243 /Applications/itt/idl70/lib/
> astrolib/pro/writefits.pro

You do not say what kind of operating system you use, so I am
answering for a Unix/Linux type system, which may be wrong or
misleading for Windows-based systems. OSX should be more Unix-like
than windows-like.

The string "Input/output error" usually occurs when one of the
lower-level operating system functions for writing data to files
fails, i.e. it is not an error within the IDL program as such.

Possible reasons for IO errors include: full disk, exhausted quota,
removable drives that have been disconnected or have otherwise
disappeared.

Note that even a 100MB file may not fit into a 120MB space if first an
uncompressed file is written, then compressed with an external
program, necessitating space for both compressed and uncompressed
versions, then the uncompressed file is removed. I have no idea if
this is relevant for fits.gz files.

chl

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