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Subject: Re: FITS IO Problem

Posted by [John B](#) on Sat, 24 Apr 2010 13:18:55 GMT

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On Apr 24, 8:09 am, wlandsman <wlands...@gmail.com> wrote:

>> Readfits.pro is choking since this isn't a standard fits file (NAXIS

>> isn't defined). Is there another one I can use?

>

> There is a nice (non-IDL) program FITSVerify (

[http://heasarc.gsfc.nasa.gov/docs/software/ftools/fitsverify /](http://heasarc.gsfc.nasa.gov/docs/software/ftools/fitsverify/)) to

> check the validity of a FITS file. You can also upload your FITS

> file to the online verifier.

Cool. I submitted it and got this error:

File name: test.fits

Run Number 8232

fitsverify 4.15 (CFITSIO V3.181)

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2 Header-Data Units in this file.

===== HDU 1: Primary Array =====

1 | SIMPLE = T /Dummy Created by MWRFITS v1.4a

2 | BITPIX = 8 /Dummy primary header created by

MWRFITS

3 | NAXIS = 0 /No data is associated with this

header

4 | EXTEND = T /Extensions may (will!) be

present

5 | END

5 header keywords

Null data array; NAXIS = 0

===== HDU 2: BINARY Table =====

\*\*\* Error: checking data fill: tried to move past end of file

\*\*\* Error: String in row #3, column #3 contains non-ASCII text.

(Other rows may have errors).

I don't know entirely how to interpret this.

>  
> Does MWRFITS work with the simple examples provided in the  
> documentation?

Yes, MWRFITS is working for other applications on my system.

>  
> You wouldn't be using GDL (the free IDL clone) rather than IDL, would  
> you? I recently discovered that GDL has a slightly different  
> treatment of nested loops than IDL, that led to disastrous  
> consequences for a different set of FITS I/O routines.

Nope... I am using IDL.

--Wayne

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