On Apr 24, 4:08 pm, Craig Markwardt <craig.markwa...@gmail.com> wrote:
> On Apr 24, 9:18 am, John B <bochan...@gmail.com> wrote:
>
>
>
>> 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 /) 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)
>>   --------------------------------
>
>> 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
>
> Are you by any chance overwriting an existing file? To me it looks
> like you attempted to write a file, but it got stopped after writing
> the primary extension. If the bits from the previous existing file
> are still there, then it would look like a bogus 2nd FITS extension.
>
> Craig

Hi Craig,
   No, I am writing a new file each time.

Cheers,
John