
Subject: Re: FITS IO Problem

Posted by [m_schellens](#) on Mon, 21 Jun 2010 08:59:27 GMT

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On 24 Apr., 18:09, 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.

>

> Does MWRFITS work with the simple examples provided in the

> documentation?

>

> You wouldn't be usingGDL(the free IDL clone) rather than IDL, would

> you? I recently discovered thatGDLhas a slightly different

> treatment of nested loops than IDL, that led to disastrous

> consequences for a different set of FITS I/O routines. --Wayne

I just stumbled over this statement now.

I am not aware of any different handling of nested loops.

Could you post an example showing the different behaviour of GDL?

The actual tarball is 0.9rc4

([http://sourceforge.net/projects/gnudatalanguage/files/gdl/0.9rc4/](http://sourceforge.net/projects/gnudatalanguage/files/gdl/0.9rc4/gdl-0.9rc4.tar.gz/download)

[gdl-0.9rc4.tar.gz/download](http://sourceforge.net/projects/gnudatalanguage/files/gdl/0.9rc4/gdl-0.9rc4.tar.gz/download))

This version already contains a corrected handling of GOTO in and out of loops.

Regards,

Marc
