
Subject: Re: saving pointers in structures to FITS files?
Posted by [David Gell](#) on Thu, 26 Feb 2009 13:17:07 GMT
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On Feb 26, 7:15 am, David Gell <david.g...@swri.org> wrote:
> On Feb 10, 5:30 pm, Christopher Thom <ct...@oddjob.uchicago.edu>
> wrote:
>
>
>
>
>> Hi all,
>
>> I have some code that uses to a structure to store a bunch of information.
>> In the structure, I need to hold an array whose size will be defined (and
>> modified) at run-time. I figured the easiest way was just to hold a
>> pointer in the structure, and populate the heap variable at runtime.
>
>> However...I'd like for the structure to be persistent between idl
>> sessions, and I'd like the on-disk file to be fairly portable between
>> collaborators/idl versions. I've tried all manifestations of FITS routines
>> for dumping this, but mwrfits seems to just convert the data to a regular
>> array, and I lose the ability to modify the length of the array when i
>> read it back in.
>
>> Does anyone have suggestions for drop-in replacements for the FITS binary
>> tables? I've had problems with save files across idl versions before. Are
>> there better alternatives? Or is there a magic keyword to mwrfits/mrdfits
>> that I should be specifying? Or do I just have to suck it up and use a
>> save file?
>
>> cheers
>> chris
>
> Have you checked the GSFC IDL Astronomy User's Library. It contains a
> large selection of routines to handle FITS files.

I should have added the URL: <http://idlastro.gsfc.nasa.gov/contents.html>
