
Subject: Re: saving pointers in structures to FITS files?
Posted by [David Gell](#) on Thu, 26 Feb 2009 13:15:24 GMT
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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/mrdrfits
> 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.
