
Subject: Re: Talking with my C data

Posted by [Luis Oliveira](#) on Thu, 12 Nov 1998 08:00:00 GMT

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Eric Williams <eric@astro.wesleyan.edu> wrote:

> Howdy, (...)
> I am collecting images with a CCD using C code I wrote with some
> supplied C libraries we purchased with the camera. Right now once the
> data is readout from the camera it is stored in a data stream in memory
> and is then put into a file using fwrite. I have a couple of questions:
>
> Once the data is read out of the camera into memory can I use IDL to
> read the data from the memory or should I continue to have C write the
> data with fwrite and then can I have IDL read that data from the file
> created with fwrite? In either case I am not sure how to make IDL get
> the data.
> (...)

Hi,

I've had the same problem and I made the option to let the C code generated program write the data to a file. Then I've created structures in IDL that mimic the C structures and used READU procedure.

The only problem is to create arrays of bytes instead of string variables in the structures. Use also named structures, cause the fields don't change of data type.

About call_external or linkimage, I'm sorry, but I didn't tryed that...

Hope this helps,

Luis
