

Posted by [John Gruenenfelder](#) on Tue, 28 Jan 2003 22:36:56 GMT

Where might I be able to find information on the file format of IDL's datacube (.dcb) files?

Where I am, we use FITS data files for most of our work. Others that we are working with will occasionally give us dcube files, as that is what they are using for their data processing/reduction. I know that there are FITS I/O functions available for IDL, but we can't have everybody give us files in one specific format.

I have written a short C function which can parse some dcube files. This was done by painfully figuring out where some of the parameters are stored, such as dimensions, and using the XDR functions provided by the C library. This works some of the time, but there have been a few files which it has been unable to correctly parse.

I haven't had any luck finding the file format online (there are too many datacube subjects on the web) or in the IDL manuals/references. Do any of you have the format or know where I can find it? Many thanks.

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--Sam of Sam & Max