Subject: Re: Fortran unformatted data: Big or little endian Posted by David Fanning on Wed, 30 Apr 2003 12:55:44 GMT

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Michael Schroeter (schroeter@muk.uni-hannover.de) writes:

- > I have a problem reading Fortran unformatted data in IDL. I have a file
- > containing data of well known size (e.g., an array of 100 x 100 single
- > precision floating point values). Unfortunately, I don't know something
- > about the machine (big or little endian machine) on which the file has
- > been produced. Is there a way to get this information on the fly by IDL
- > in order to open the file automatically in the correctly (using the
- > /SWAP_ENDIAN option or not). The way I used so far was trial and error.
- > But since I have many of those files I'm searching for a solution
- > without recompiling my source code.

> Do you have any ideas?

Here is an article with some ideas:

http://www.dfanning.com/tips/endian machines.html

Cheers.

David

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Coyote's Guide to IDL Programming: http://www.dfanning.com/

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