
Subject: Re: Q: IDL and endianness issues

Posted by [Liam E. Gumley](#) on Tue, 11 Apr 2000 07:00:00 GMT

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> Ossi Vaananen wrote:

>> Hi!

>>

>> Let's say I have a binary file with known structure, and
>> the file is written on a little-endian machine. Then I want
>> to read it again on a big-endian machine. How do I do it?

>>

>> If endianness was no problem, I could do this simply by
>> creating a structure with contents that match the alignment
>> of the different data types in the binary file, and then
>> read data to it from the file with READU.

>>

>> In Matlab, files can be opened with the endianness of the
>> file explicitly given as an argument to fopen. In IDL manuals
>> I saw no reference to such a feature in IDL.

>>

>> The question is, does there exist a built-in feature in IDL
>> that somehow allows endianness-specified file I/O?

You might want to check out the following:

<http://cimss.ssec.wisc.edu/~gumley/binarytools.html>

Cheers,
Liam.
