Subject: Re: Q: IDL and endianness issues
Posted by Nando Iavarone on Thu, 13 Apr 2000 07:00:00 GMT
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<!doctype html public "-//w3c//dtd html 4.0 transitional//en">
<html>
Ossi Vaananen wrote:
<blockquote TYPE=CITE>Hi!
<p>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?
<p>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.
<p>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.
<p>The question is, does there exist a built-in feature in IDL

that somehow allows endianness-specified file I/O?
<p>All the best,
<p>Ossi Vaananen

Espoo, Finland</blockquote>
see 'BYTEORDER' procedure and the 'SWAP_ENDIAN' function.

bye.

<pre>--
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