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Subject: Re: byteorder for float numbers conversion

Posted by [pit](#) on Tue, 18 Feb 1997 08:00:00 GMT

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In article <5ebvgk\$K1d@kwuz.nerc-keyworth.ac.uk>,  
wmc@bsfiles.nerc-bas.ac.uk (William Connolley) writes:

>> I want to convert the float numbers from UNIX format(big-edian)  
>> to PC format(small-edian).

> To go from SUN-floating-point to DECalpha-floating-point I use  
> byteorder,data,/lswap  
>  
> It might work for you in this case.  
> xdr doesn't sound right to me.

Why not? Of course you also have to write the data using /XDR.  
This is the easiest way to keep code \*and\* data platform-independent.

> ps - PCs are the spawn of the devil. Why not leave your data on unix  
> where it will be happy? ;-)

You're mixing things up. Little Endian is a \*hardware\* thing. It has  
nothing to do with the OS you are running. IDL for Linux is still LE.  
We have a mixed cluster here (SunOS, HP-UX, Linux), all Unix. Still  
there is the Big/Little Endian problem.

Peter

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