
Subject: Re: Advice on data transfer -- PC to Sun
Posted by [K. Bowman](#) on Mon, 24 May 2004 21:02:30 GMT
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In article <c8tl34\$s3v\$1@news.wrc.xerox.com>,
jeyadev@wrc.xerox.bounceback.com (Surendar Jeyadev) wrote:

> Not a IDL or Wave question, but this seems to be a forum where
> others have run into this problem.
>
> For the first time, I have to deal with largish chunks of data
> produced on a Windows box and written into binary files. I need
> to move them to my Sun (Solaris 8) box. Any suggestions on what
> would be the "best" way to do it? Just converting the PC files
> to ASCII and moving them over is what I have in mind right now.
> The data is intended to be analysed (on the Sun) using PV-Wave.
>
> thanks

There are lots of options:

1. You should be able to read the existing files. Just fiddle around with the SWAP_ENDIAN keywords until it works. ;-) That's got to be less painful than rewriting as ASCII.
2. Is this IDL to IDL? In that case, you can rewrite the binary files using /XDR for portability.
3. Rewrite the files as netCDF or HDF, which are portable by definition.

Regards, Ken

Subject: Re: Advice on data transfer -- PC to Sun
Posted by [Chris Lee](#) on Tue, 25 May 2004 07:18:36 GMT
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In article <k-bowman-F7F5FF.15023024052004@news.tamu.edu>, "Kenneth Bowman" <k-bowman@null.tamu.edu> wrote:

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> 3. Rewrite the files as netCDF or HDF, which are portable by
> definition. Regards, Ken

Is the IDL SAVE format platform independent to any extent. I'm guessing the variables themselves are, but is the byte-ordering consistent?

The help file says that XDR is used, so I guess so? Of course, I'm not encouraging the use of closed formats instead of open ones (NetCDF or HDF).

Chris.

Subject: Re: Advice on data transfer -- PC to Sun
Posted by [jeyadev](#) on Tue, 25 May 2004 19:42:13 GMT
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In article <k-bowman-F7F5FF.15023024052004@news.tamu.edu>, Kenneth Bowman <k-bowman@null.tamu.edu> wrote:

> In article <c8tl34\$s3v\$1@news.wrc.xerox.com>,
> jeyadev@wrc.xerox.bounceback.com (Surendar Jeyadev) wrote:
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Will save some time.

> 2. Is this IDL to IDL? In that case, you can rewrite the binary files
> using /XDR for portability.

Wish it were! But, it is not. On the other hand, I have toyed with the idea of putting IDL or Wave on the PC just to translate the stuff to XDR!

Thanks for the suggestion.

--

Surendar Jeyadev jeyadev@wrc.xerox.bounceback.com

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