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Subject: Re: PV-Wave, Fortran & Windows NT  
Posted by [wmc](#) on Thu, 02 Apr 1998 08:00:00 GMT  
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In article 16450809@fedao1.fed.ornl.gov, greenwoodde@fedao1.fed.ornl.gov (Dave Greenwood) writes:

> I apologize for posting such a trivial question, but I don't have access  
> to a system with PV-Wave and I'm trying to help a friend who claims to  
> have only limited programming skills at best. My friend has a file  
> written from PV-Wave (v6.1) on a Windows NT system and wants to read  
> that file using a Fortran (Digital Visual Fortran 5.0) program.

Fortran puts (when writing, and expects, when reading) a word containing the length of the record at the start and end of each unformatted record (at least, is does on unix). Running IDL (/PVWAVE) on unix you use "/f77" on the openw command (tell your friend to read the manual for "open") but the manual \*claims\* this is a unix-only command, though why its not available on windows I'm not sure. You could explicitly write the length info that fortran expects, though this is messy. Another problem you may have is: why do you expect binary compatibility between windows and unix?

All in all, you're probably better off writing out the data formatted, unless there is really huge amounts of it.

- William

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