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Subject: Re: point\_lun  
Posted by [John-David T. Smith](#) on Wed, 23 Feb 2000 08:00:00 GMT  
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Craig Markwardt wrote:

>  
> "R.Bauer" <R.Bauer@fz-juelich.de> writes:  
>>  
>> I have recognized today point\_lun makes differences between files  
>> written on UNIX or DOS  
>> for following idl version.  
>  
> This almost certainly has something to do with the difference between  
> end-of-line conventions in Unix and Windows worlds. I believe that  
> windows/DOS uses a CR/LF while Unix simply uses an LF.  
>  
> I don't understand \*exactly\* what is going wrong though, but it seems  
> that Windows may be assuming that a CR/LF pair are present in your  
> Unix file when only one of them is there. What's wierd is that it's  
> using that information in the POINT\_LUN call. This may not be a bug  
> in IDL but rather in the Windows library that IDL uses. The Microsoft  
> people probably don't even consider it a bug but a feature...  
>  
> There are converters that can do the Unix<->DOS conversion for you,  
> but unfortunately it's an extra ugly step.  
>

It depends on how it was written. Even DOS C programs will happily convert each newline in your output to a carriage return/newline pair, unless told not to with some kind of BINARY mode. All formatted windows/dos output will reflect this conversion, unless it is somehow disabled. Many FTP programs will do this to, for example (unless in binary mode).

JD

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