
Subject: Re: writing text files with OPENW and PRINTF
Posted by [Michael Wallace](#) on Wed, 19 Apr 2006 19:09:48 GMT
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No one has responded yet, so I guess I might as well say something. It sounds like the age old linefeed/carriage return issue. I'd understand the problem if you were taking data from a *nix system to a Windows system or vice versa. However, it doesn't appear that you're doing this.

Anyway, the end of line on a Windows system is denoted by the carriage return and linefeed characters. However on Unix based systems, only linefeed is used to note the end of line. Therefore a Windows file viewed on Linux will appear to have extra characters. And a Unix file viewed on Windows will have missing characters. Many programs on Unix and Windows are now built to check for files in the other format and open them accordingly. However, Windows Notepad is not one of those programs. Because there are no carriage return characters, it appears that all the text of the file is on a single line.

There are a couple programs, unix2dos and dos2unix that will convert files back and forth between the formats. Those were originally written for Unix systems, but I believe there are Windows ports these days. Anyway, I realize that none of this really explains your particular error, but maybe it's something you can look into.

-Mike

daevu wrote:

> Folks...
>
> Writing an input parameter file under windows for an external tool
> became my main easter occupation: Attached two parameter files:
> works.prm and dontwork.prm, both have the exact same content, but opened
> in notepad.exe the works.prm is all on one line, but it contains a
> carriage return information can be seen if opened eg. in MSWord.
> I tried to create a file with the same information using the code below,
> and end up with the file dontwork.prm: it looks exactly like the
> works.prm but will not be read by the external program (its the HEG tool
> to convert MODIS data actually)
>
>
> - which format does the dontwork.prm have? obviously not standard MS-DOS
> - are there ways to write in IDL under windows non MS-DOS formatted
> text files?
>

Subject: Re: writing text files withe OPENW and PRINTF
Posted by [Michael Galloy](#) on Wed, 19 Apr 2006 20:51:40 GMT
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Michael Wallace wrote:

> No one has responded yet, so I guess I might as well say something. It
> sounds like the age old linefeed/carriage return issue.

I thought this too, but I'm not sure why this would happen in his case.

Also, the two files seem to be identical (the same exact 885 bytes). I'm wondering if my newsreader is doing the conversion for me.

Mike

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Subject: Re: writing text files withe OPENW and PRINTF
Posted by [valar.mu](#) on Thu, 20 Apr 2006 02:23:59 GMT
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Hi,

I was trying to write the parameter file for the HEG tool with C++. I had similar problems with the carriage return and new line character. Then, I tried writing the output file (parameter file) in binary mode and used only '\n' wherever a new line is needed. It works now. Hopefully, this solves your problem!

Valar
