
Subject: Re: end-of-line termination

Posted by [Peter Clinch](#) on Fri, 07 Mar 2008 16:48:44 GMT

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Haje Korth wrote:

> Hi,
> I am writing ASCII files in IDL using PRINTF that require to have a CR+LF
> end-of-line termination. Is there a way to force this in UNIX, which uses LF
> only?

You could thug it with a system call from your program to unix2dos (or whatever utility) after you've finished...

Pete.

--

Peter Clinch Medical Physics IT Officer
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Fax 44 1382 640177 Dundee DD1 9SY Scotland UK
net p.j.clinch@dundee.ac.uk http://www.dundee.ac.uk/~pjclinch/

Subject: Re: end-of-line termination

Posted by [Haje Korth](#) on Fri, 07 Mar 2008 16:59:37 GMT

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Peter,

Thanks for your response. Is this really my only option? I know that I can also "convert" the file by reading and writing the file in IDL character by character and replacing the line endings. The problem is that this adds significant overhead when lots of files 100MB each are written. Therefore I wanted to write the files correct the first time around. I was wondering if adding \r\n to the format statement would do the trick?

Haje

"Peter Clinch" <p.j.clinch@dundee.ac.uk> wrote in message
news:63da37F277atiU1@mid.individual.net...

> Haje Korth wrote:

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> Peter Clinch Medical Physics IT Officer
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Subject: Re: end-of-line termination
Posted by [ben.bighair](#) on Fri, 07 Mar 2008 16:59:44 GMT
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On Mar 7, 11:48 am, Peter Clinch <p.j.cli...@dundee.ac.uk> wrote:

> Haje Korth wrote:
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> You could thug it with a system call from your program to unix2dos (or
> whatever utility) after you've finished...

Hi,

That might be the easiest, but if you have a lot of these to do I think the C printf kind of formatting allows you to add combinations of "\f\n" to a line of output.

?printf-style

gets you there.

Cheers,
Ben

Subject: Re: end-of-line termination
Posted by [Haje Korth](#) on Fri, 07 Mar 2008 17:36:06 GMT
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The only problem I find is that IDL and C format codes do not readily mix.
Can "\r\n" be translated to an IDL format code? H.

"ben.bighair" <ben.bighair@gmail.com> wrote in message
news:feeb16e9-11e1-4625-bb8a-b38fd6778991@34g2000hsz.googlegroup.com...
> On Mar 7, 11:48 am, Peter Clinch <p.j.cli...@dundee.ac.uk> wrote:

>> Haje Korth wrote:
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> Cheers,
> Ben
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Subject: Re: end-of-line termination
Posted by [ben.bighair](#) on Fri, 07 Mar 2008 18:24:54 GMT
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On Mar 7, 12:36 pm, "Haje Korth" <haje.ko...@nospam.jhuapl.edu> wrote:
> The only problem I find is that IDL and C format codes do not readily mix.
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>

I hope this isn't a red herring, but how about...

```
openw,u,"file.txt",/get_lun & printf, u, "Doughnut", format  
=('$,A0,%"\r\n"')& free_lun ,u
```

Ben

Subject: Re: end-of-line termination
Posted by [ben.bighair](#) on Fri, 07 Mar 2008 18:38:26 GMT
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On Mar 7, 12:36 pm, "Haje Korth" <haje.ko...@nospam.jhuapl.edu> wrote:
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Ben

Subject: Re: end-of-line termination
Posted by [R.G. Stockwell](#) on Fri, 07 Mar 2008 19:13:17 GMT
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"Haje Korth" <haje.korth@nospam.jhuapl.edu> wrote in message
news:fqrqom\$386\$1@aplnetnews.jhuapl.edu...
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> LF only?
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> Thanks,
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Hi Haje,
I ran into this a while ago, I used IDL (on windows) to create
scripts to execute fortran code on linux. If I remember correctly,
I used a writeu,lun statement instead of printf,lun

which did not append the end of line.
You could concatenate the appropriate end of line to your
string buffer, then writeu it to file

Cheers,
bob

Subject: Re: end-of-line termination
Posted by [Haje Korth](#) on Fri, 07 Mar 2008 20:33:10 GMT
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Ben,
YES, this worked perfectly!

Thanks,
Haje

"ben.bighair" <ben.bighair@gmail.com> wrote in message
news:2250a3dc-d38f-40e7-99be-a2fdf71e01c2@e31g2000hse.google groups.com...
> On Mar 7, 12:36 pm, "Haje Korth" <haje.ko...@nospam.jhuapl.edu> wrote:
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>
> Ben
>

Subject: Re: end-of-line termination
Posted by [Haje Korth](#) on Fri, 07 Mar 2008 20:34:42 GMT
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Thanks, Bob,
I see this working, too. I did end up with Ben's method, since it required
fewer changes.

Haje

"R.G. Stockwell" <nothanks@noemail.com> wrote in message
news:fqs44i\$dlt\$1@aioe.org...
> "Haje Korth" <haje.korth@nospam.jhuapl.edu> wrote in message
> news:frqom\$386\$1@aplnetnews.jhuapl.edu...
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