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Subject: Re: Help reading MAC ASCII in windows. Solution from IDL  
Posted by [Peter Brooker](#) on Thu, 06 Jan 2000 08:00:00 GMT  
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A solution to the CR/LF problem is to read the file 1 character at a time and at the same time be writing another file on character at a time. When a CR is encountered, a LF is then also written. This produces a file that can be read by NT. The code to do this is below. Much thanks to IDL tech support for providing this. I still am of the opinion though that "readf" should allow you to specify what the EOL is.

PRO prepare

;This code was used to preprocess data from a MAC

;Have to use CR+LF on Windows machine

;use a native dialog to select input file

FileName = DIALOG\_PICKFILE(/READ)

IF FileName EQ " THEN BEGIN

message = DIALOG\_MESSAGE('No Input File Selected!')

RETURN

ENDIF

;use a native dialog to select output file

OutFileName = DIALOG\_PICKFILE(/WRITE)

IF OutFileName EQ " THEN BEGIN

message = DIALOG\_MESSAGE('No Output File Selected!')

RETURN

ENDIF

Character = 0B

CR = 13B

LF = 10B

OPENR,lun,FileName,/GET\_LUN

OPENW,lun2,OutFileName,/GET\_LUN

READU,lun,Character

WHILE NOT(EOF(lun)) DO BEGIN

WRITEU,lun2,Character

IF Character EQ CR THEN WRITEU,lun2,LF

READU,lun,Character

ENDWHILE

FREE\_LUN,lun

FREE\_LUN,lun2

END

Peter Brooker wrote:

> I am using IDL on an NT windows machine. I want to read ASCII files that  
> were created on a MAC. The normal End of Line (EOL) for windows is a  
> CR/LF. The MAC file only has a single CR.  
>  
> When IDL tries to read this type of file it gets only the first record.  
> It ignores the records after the CR. Most likely it is expecting a LF.  
>  
> Can "readf" be set to recognize the single CR as the EOL and  
> consequently read the remaining records correctly?  
>  
> Is there a way to tell readf that the EOL is a single CR?  
>  
> thanks-Peter Brooker

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