

## Re: ASCII text garbled on FTP download?

**Source:** <http://linux.derkeiler.com/Newsgroups/comp.os.linux/2004-04/0552.html>

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**From:** Bill S. ([ziphem\\_at\\_hotmail.com](mailto:ziphem_at_hotmail.com))

**Date:** 04/16/04

Date: 16 Apr 2004 12:53:06 -0700

Ok, this helps. Thanks for the advice. btw when I go to dosshell and edit the 1.cgi, it's formatted ok. So the problem is my notepad.exe

The reason why I use notepad is it's easier, as the files are sitting on my computer. As the webpages I have get bigger, I've started to back them up – tar them and ftp the tars to my Windows machine to store them there – cause the thought of re-uploading everything, permissions, etc., makes me ill.

As for the unix2dos, I need to install that on my server. If I run the command for all files in the directory, will it destroy any non-text files, like gifs etc?

Thanks!!!

>  
> *Or you can convert a CR to CR+LF file on windows using the following trick.*  
>  
> *Start,run,cmd*  
>  
> *"edit 1.cgi"*  
> *add 1 space,backspace 1 space <ALT> F X <Return>*  
>  
> *Thats file,save,yes write changes. The file is now CR+LF terminated lines*  
> *and works in windows.*  
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> *As I have already mentioned the problem is probably the ftp client or*  
> *configuration of one of the ftp servers. As a rule don't move things*  
> *around in ASCII.*  
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> *If you make it all CR+LF formatted and move it around in binary the*  
> *problem goes away ...*  
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> *I would ask why anybody would write cgi sitting using notepad on an XP*  
> *machine anyway !!!!*  
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> *If you cant live without XP use vmware to run a linux inside it, then you*  
> *can write,edit and test cgi content... or dual boot the laptop... or even*

comp.os.linux: Re: ASCII text garbled on FTP download?

> use knoppix to CD boot the laptop into a linux environment. Why would you  
> want to edit the files in one place and run them in another, sounds a slow  
> and clunky way of working to me.  
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> I've worked in a mixed windows/linux/unix world for years with none of  
> these problems – you simply need to re–consider the best way to work –  
> moving files around one at a time is a symptom of an ill–planned work  
> pattern.  
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> I use a local linux machine to run apache and cgi – I connected to it  
> using a laptop running knoppix and wireless networking when im not at my  
> desk and I only ftp complete projects in binary... i've not had problems  
> at all.  
>  
> Jon

root <root@home.com> wrote in message news:<pan.2004.04.16.14.57.48.807047@home.com>...

> On Fri, 16 Apr 2004 02:55:02 –0700, Bill S. wrote:  
>  
>> Thanks for the response. Ok basically my question is about carriage  
>> returns. What I meant in they "never come out of linux" is this: I  
>> sit here at home on my Windows XP machine. I want to move my files,  
>> say 1.html, 1.gif and 1.cgi, from Server 1 to Server 2, both 3,000  
>> miles away from me, and away from each other. The files are in /home  
>> on Server 1 and I want to put them in the same location on Server 2  
>> (/home).  
>>  
>> I ssh into Server 1. I cd /home, and type "tar cvf compressedfile \*"  
>>  
>> I exit.  
>>  
>> I ssh into Server 2. I:  
>> mkdir /home  
>> cd /home  
>> ftp  
>> open Server 1, login, cd /home  
>> get compressedfile  
>> exit  
>>  
>> Ok, so then I "tar xvf compressedfile"  
>>  
>> I have then, in Server 2's /home, 1.html, 1.gif, and 1.cgi  
>>  
>> I exit ssh, all done.  
>>  
>> Ok, I am still at my Windows XP pc as the weather is bad and I don't  
>> want to go outside. I have no umbrella, and I hate getting drenched.  
>>  
>> I then run ws\_ftp. I have 1.html, 1.gif and 1.cgi in my ws\_ftp  
>> directory. Originally, 7 years ago, I uploaded them to Server 1,  
>> 1.gif in binary and 1.cgi and 1.html in ASCII.

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>>
>> So to remember what 1.cgi looked like, I go to view, & it's opened in
>> notepad.exe. I see:
>>
>> Version Info ###
>> $YaBBversion = '1 Gold – SP 1.1';
>> $YaBBplver = '1 Gold – SP 1.1';
>>
>> if( $ENV{'SERVER_SOFTWARE'} =~ /IIS/ ) {
>> $yyIIS = 1;
>> $0 =~ m~(.*)\\\/~;
>> $yypath = $1;
>> $yypath =~ s~\\\/~g;
>> chdir($yypath);
>> push(@INC,$yypath);
>> }
>>
>> ### Requirements and Errors ###
>> use CGI qw(header cookie); # so we can use the header and cookie
>> printing
>> use CGI qw/:standard/;
>> $CGI::HEADERS_ONCE = 1; # Kill redundant headers
>> require "Settings.pl";
>> require "$language";
>> require "$sourcedir/Subs.pl";
>> require "$sourcedir/Load.pl";
>> require "$sourcedir/Security.pl";
>>
>>
>> I ftp into Server 1, download 1.cgi in ASCII and view it, and see the
>> same as 1.cgi originally on my Windows XP, from 7 years ago.
>>
>> I ftp into Server 2, download the file in ASCII, the same way. I see
>> something a bit like:
>>
>> Version Info ###$YaBBversion = '1 Gold – SP 1.1';$YaBBplver = '1 Gold
>> – SP 1.1';
>> if( $ENV{'SERVER_SOFTWARE'} =~ /IIS/ ) { $yyIIS = 1; $0 =~
>> m~(.*)\\\/~; $yypath = $1; $yypath =~
>> s~\\\/~g; chdir($yypath); push@INC,$yypath);}### Requirements and
>> Errors ###use CGI qw(header cookie); # so we can use the header and
>> cookie printinguse CGI qw/:standard/;$CGI::HEADERS_ONCE = 1; # Kill
>> redundant headers require "Settings.pl";require "$language";require
>> "$sourcedir/Subs.pl";require "$sourcedir/Load.pl";require
>> "$sourcedir/Security.pl"; # Those who write software only for pay
>> should go hurt some other field. # – Erik Naggum
>> &LoadCookie;
>>
>>
>> When I pasted the above directly here, in this window, it formatted
>> like how it looks from Server 1 or on my Windows XP. However, sitting
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> > *in notepad.exe, even cut and re-pasted, the formatting is garbled, in*  
> > *that the carriage returns do not display well.*  
> >  
> > *So I was wondering why this was the case and if there is anything I*  
> > *can do about this, rather than cutting out the ill formatted ascii*  
> > *files, pasting them somewhere to get the formatting back, then*  
> > *repasting them into notepad, and re-uploading them.*  
> >  
> > *Thanks!!*  
>  
> *Yes, you can zip the files up on the linux machine, ftp them in binary and*  
> *unzip them on the windows machine. ("man zip" NOT gzip)*  
>  
> *If you want to edit the files on windows they must always be in CR LF*  
> *(DOS) format.... so use*  
>  
> *"unix2dos 1.cgi" etc on the linux machine to force the files into CR+LF*  
> *terminated lines (apache wont care). Then ALWAYS transfer ALL files in*  
> *binary.*  
>  
> *Or you can convert a CR to CR+LF file on windows using the following trick.*  
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- > *at all.*
- >
- > *Jon*