

AIX-L: Re: FTP a file with text and comp-3 data in it from AIX to MVS (o r the other way)

## Re: FTP a file with text and comp-3 data in it from AIX to MVS (o r the other way)

*Source:* <http://unix.derkeiler.com/Mailing-Lists/AIX-L/2004-10/0449.html>

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*From:* Green, Simon (*Simon.Green\_at\_EU.ALTRIA.COM*)

*Date:* 10/27/04

Date: Wed, 27 Oct 2004 11:34:08 +0200  
To: aix-l@Princeton.EDU

That sounds right to me.

By far the simplest thing is to change the MVS program producing the data to use zoned numeric (essentially text) instead of comp-3.

It IS possible to write a program to do the translation – I've done that a couple of times – but writing a generic program would be practically impossible, so you end up with something which only works with this particular data file and which would have to be modified if the file format changed.

There are lots of report-writers which would do the job, simply by printing one record per line. Most MVS shops have something suitable kicking around. It wouldn't be a lot of hassle with COBOL, either. It would still have to be amended every time the record format changed.

All of this is best done at the MVS end, since that's where the data is generated and where the record format will be known.

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Simon Green  
Altria ITSC Europe Ltd  
AIX-L Archive at <https://new-lists.princeton.edu/listserv/aix-l.html>  
New to AIX? <http://publib-b.boulder.ibm.com/redbooks.nsf/portals/UNIX>  
N.B. Unsolicited email from vendors will not be appreciated.  
Please post all follow-ups to the list.  
> -----Original Message-----  
> From: IBM AIX Discussion List [mailto:aix-l@Princeton.EDU] On  
> Behalf Of Rick Saylor  
> Sent: 26 October 2004 19:04  
> To: aix-l@Princeton.EDU  
> Subject: Re: FTP a file with text and comp-3 data in it from  
> AIX to MVS (or the other way)  
>  
>  
> Bill,  
>  
> I bet the file on MVS contains EBCDIC, not ASCII, and comp-3.  
> FTP knows

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> about the EBCDIC and will translate it to ASCII, but it fouls  
> up the comp-3  
> data. In BIN mode, FTP just sends the data and doesn't  
> translate the EBCDIC  
> to ASCII. Because you are dealing with comp-3 data you need to use bin  
> mode. So, you can either translate the EBCDIC to ASCII on the  
> mainframe or  
> on the AIX box. But it sure looks like you will have to write  
> a program or  
> script to do it. Whatever does the translation will need to  
> know where the  
> comp-3 fields are so that it can ignore them.  
>  
> Rick Saylor  
> Austin Community College  
>  
> At 11:23 AM 10/26/2004, you wrote:  
> >Hi \*,  
> >  
> >I have a user that is trying to get a file ftp'd from AIX to  
> MVS. The file  
> >contains both ASCII and comp-3 numeric fields in it.  
> >  
> >If we go ASC mode, the ASCII data is transferred OK, but the  
> comp-3 data is  
> >garbage. If we go BIN mode, the ASCII data is garbage, but  
> the comp-3 data  
> >is garbage.  
> >  
> >Anyone know a fix for this ? We've tried some dd commands  
> and even changed  
> >the transfer mode on the MVS side via 'quote' commands - but we're no  
> >closer.  
> >  
> >Thanks in advance,  
> >  
> >Bill.  
> >  
> >  
> >-----  
> >There's no place like /home  
> >  
> >  
> >Bill Verzal  
> >Project Leader, Komatsu America  
> >  
> >(847) 970-3726 - direct  
> >(847) 970-4184 - fax  
> >  
> >  
> >-----  
> >-----  
> Rick Saylor Austin Community College  
> Voice: (512)223-1182  
> Director of System Services 9101 Tuscan Way Fax:  
> (512)223-1211  
> Information Technology Austin, Texas 78754  
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