
Subject: Re: FILE_LINES change in 8.4

Posted by [markb77](#) on Mon, 29 Feb 2016 11:47:16 GMT

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On Friday, February 26, 2016 at 11:02:34 PM UTC+1, Chris Torrence wrote:

> On Wednesday, February 17, 2016 at 9:00:51 AM UTC-7, fawltyl...@gmail.com wrote:

>> It's a bug. IDL 8.4 works fine:

>>

>> IDL> print, !version & help, file_lines('LYLOUT_120522_030000_3600.dat.gz', /compress)

>> { x86_64 linux unix linux 8.5.1 Nov 14 2015 64 64}

>> <Expression> LONG64 = 0

>>

>> IDL> print, !version & help, file_lines('LYLOUT_120522_030000_3600.dat.gz', /compress)

>> { x86_64 linux unix linux 8.4.1 Feb 16 2015 64 64}

>> <Expression> LONG64 = 123806

>>

>> regards,

>> Lajos

>>

>>

>> It's a regressionOn Wednesday, February 17, 2016 at 3:44:15 PM UTC+1, Phillip Bitzer wrote:

>>> Folks-

>>>

>>> Weird issue I've come across in the past few days. It seems the behavior of FILE_LINES has changed from 8.4 to 8.5.

>>>

>>> I've used a line of code like this since pre-7 days with no problems:

>>>

>>> nLines = FILE_LINES(f, /COMPRESS)

>>>

>>> where f is a basic gzipped file.

>>>

>>> Now, this returns zero for me.

>>>

>>> Anyone else using FILE_LINES with compressed files?

>>>

>>> Here's a concrete example:

>>>

>>> IDL> f='LYLOUT_120522_030000_3600.dat.gz'

>>>

>>> (File available here: <https://goo.gl/ROaE3J>)

>>>

>>> Under 8.4, I get:

>>> IDL> file_lines(f, /compress)

>>> 123806

>>>

>>> but under 8.5 I get:

>>> IDL> file_lines(f, /compress)

```
>>> 0
>>>
>>> The file really is gzipped:
>>> $ file LYLOUT_120522_030000_3600.dat.gz
>>> LYLOUT_120522_030000_3600.dat.gz: gzip compressed data, was
"LYLOUT_120522_030000_3600.dat", from Unix, last modified: Sat Jul 7 08:30:46 2012, max
compression
>>>
>>> Running on Mac 10.9.5 FWIW.
>
> Yep, I was able to reproduce this. In IDL 8.5 we fixed a different bug to allow GZ files greater
than 4 Gb to work properly. That fix inadvertently broke file_lines with gzip compressed files.
>
> It will be fixed in the next IDL version.
>
> Thanks for reporting!
>
> -Chris
```

hi Chris,

Can you give us more details about the change with respect to opening zipped files larger than 4GB?

thanks
Mark
