

---

Subject: Re: FILE\_LINES change in 8.4

Posted by [chris\\_torrence@NOSPAM](mailto:chris_torrence@NOSPAM) on Fri, 26 Feb 2016 22:02:30 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

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

---