

Opened 3 years ago
Closed 3 years ago

Reported by:	Suwan	Owned by:	
Priority:	minor	Component:	ffmpeg
Version:	git-master	Keywords:	leak
Cc:		Blocked By:	
Blocking:		Reproduced by developer:	yes
Analyzed by developer:	no		

Summary of the bug:
There is a memory leak from realloc
How to reproduce:

◀ ▶

```
#48423==ERROR: LeakSanitizer: detected memory leaks

Direct leak of 96 byte(s) in 3 object(s) allocated from:
#0 0x4de8d0 in realloc (ffmpeg_g+0x4de8d0)
#1 0x5ce398 in grow_array ffmpeg/ftools/cmdutils.c:2163:24

Indirect leak of 34 byte(s) in 6 object(s) allocated from:
#0 0x4de8d0 in realloc (ffmpeg_g+0x4de8d0)
#1 0x8500297 in av_realloc ffmpeg/libavutil/mem.c:144:12
#2 0x8500297 in av_strdup ffmpeg/libavutil/mem.c:256
#3 0x5b5001 in parse_optgroup ffmpeg/ftools/cmdutils.c:437:15

Indirect leak of 15 byte(s) in 2 object(s) allocated from:
#0 0x4de8d0 in realloc (ffmpeg_g+0x4de8d0)
#1 0x8500297 in av_realloc ffmpeg/libavutil/mem.c:144:12
#2 0x8500297 in av_strdup ffmpeg/libavutil/mem.c:256
#3 0x5b5001 in parse_optgroup ffmpeg/ftools/cmdutils.c:437:15
#4 0x69746c756d343660 (unknown module)

SUMMARY: AddressSanitizer: 145 byte(s) leaked in 11 allocation(s).
```

- [debug_report\(7.7 KB\)](#) - added by Suhwan 3 years ago.
- [audio-gaps.ogg\(12.0 KB\)](#) - added by Suhwan 3 years ago.

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by Suhwan, 3 years ago

comment:1 by Suhwan, 3 years ago

```
$ valgrind ./ffmpeg_g -i ./samples/ogg/audio-gaps.ogg -loglevel 99 -c copy -map 0
```

```

==21685== Memcheck, a memory error detector
==21685== Copyright (C) 2002-2017, and GNU GPL'd, by Julian Seward et al.
==21685== Using Valgrind-3.13.0 and LibVEX; rerun with -h for copyright info
==21685== Command: ./fmppeg/fmppeg_g -i ./samples/ogg/audiao-gaps.ogg --loglevel 99
==21685==
fmppeg version N-94906-qcb8d64e3e Copyright (C) 2000-2019 the FMPpeg developers
Built with clang version 6.0.0-ubuntu (Ubuntu 6.0.0-19ubuntu1) (RELEASE 600/final)
Configuration: cc=clang -x86_64-linux-gnu-gcc --ld=clang --enable-debug --toolchain=clang
libavutil 56. 35.100 / 56. 35.100
libavcodec 58. 56.101 / 58. 56.101
libavformat 58. 32.104 / 58. 32.104
libavdevice 58. 9.100 / 58. 9.100
libavfilter 7. 58.102 / 7. 58.102
libswscale 5. 6.100 / 5. 6.100
libswresample 3. 6.00 / 3. 6.100

Splitting the commandline.
Reading option '-i' ... matched as input url with argument './samples/ogg/audiao-gaps.ogg'
Reading option '--loglevel' ... matched as option 'loglevel' (set logging level) with argument '99'
Reading option '-c' ... matched as option 'c' (codec name) with argument 'copy'.
Reading option '-map' ... matched as option 'map' (set input stream mapping with argument '0') with argument '0'
Reading option '-disposition' ... matched as option 'disposition' (set disposition) with argument '17'
Reading option '-c:a:171' ... matched as option 'c' (codec name) with argument 'a54'
Reading option '-disposition:s:9' ... matched as option 'disposition' (disposition) with argument '9'
Reading option '--stream_loop' ... matched as option 'stream_loop' (set number of times to loop over input) with argument '1'
Reading option '-t' ... matched as option 't' (record or transcode "duration" seconds) with argument '1'
Reading option '-target' ... matched as option 'target' (specify target file type) ('c' for copy, 'a' for audio, 'v' for video, 'a' for audio, 'v' for video) with argument 'a'
Reading option '-r' ... matched as option 'r' (set frame rate (Hz value, fraction or abbreviation)) with argument '17'
Reading option '-ar' ... matched as option 'ar' (set audio sampling rate (in Hz)) with argument '44100'
Reading option '-ac' ... matched as option 'ac' (set number of audio channels) with argument '2'
Reading option '-b:v' ... matched as option 'b' (video bitrate (please use -b:v)) with argument '1'
Reading option '-level' ... matched as AVOption 'level' with argument '12'.
Reading option '-strict' ... Routing option strict to both codec and muxer layer with argument 'AVOption "strict" with argument '3'.
Reading option 'tmp.mp4' ... matched as output url.
Finished splitting the commandline.
Parsing a group of options: global ...
Applying option loglevel (set logging level) with argument 99.
Applying option y (overwrite output files) with argument 1.
Successfully parsed a group of options.
Parsing a group of options: input url './samples/ogg/audiao-gaps.ogg'.
Successfully parsed a group of options.
Parsing a group of options: input file './samples/ogg/audiao-gaps.ogg'.
[NULL @ 0x11c4b880] Opening './samples/ogg/audiao-gaps.ogg' for reading
[file @ 0x11c4c6c0] Setting default whitelist 'file,crypto'
```

```
Probing mp3 score:1 size:2048
Probing ogg score:100 size:2048
[ogg @ 0x11c4b880] Format ogg probed with size=2048 and score=100
[ogg @ 0x11c4b880] ogg_packet: curidx=-1
[ogg @ 0x11c4b880] ogg_packet: idx=0 pstart=0 psize=0 segp=0 nsegs=1
[ogg @ 0x11c4b880] ogg_packet: curidx=-1
[ogg @ 0x11c4b880] ogg_packet: idx=0 pstart=30 psize=0 segp=0 nsegs=14
[ogg @ 0x11c4b880] ogg_packet: curidx=0
[ogg @ 0x11c4b880] ogg_packet: idx=0 pstart=46 psize=0 segp=1 nsegs=14
[ogg @ 0x11c4b880] ogg_packet: curidx=-1
[ogg @ 0x11c4b880] ogg_packet: idx=0 pstart=3288 psize=0 segp=0 nsegs=19
[ogg @ 0x11c4b880] found headers
[ogg @ 0x11c4b880] ogg_packet: curidx=-1
[ogg @ 0x11c4b880] ogg_packet: idx=0 pstart=0 psize=0 segp=0 nsegs=19
[ogg @ 0x11c4b880] Before avformat_find_stream_info() pos: 7636 bytes read:12306 see
[ogg @ 0x11c4b880] ogg_packet: curidx=0
[ogg @ 0x11c4b880] ogg_packet: idx=0 pstart=3288 psize=0 segp=0 nsegs=19
[ogg @ 0x11c4b880] All info found
[ogg @ 0x11c4b880] stream 0: start time: 0.000 duration: 2.301
[ogg @ 0x11c4b880] Format: start time: 0.000 duration: 2.301 bitrate=42 kb/s
[ogg @ 0x11c4b880] After avformat_find_stream_info() pos: 7636 bytes read:12306 see
Input #0, ogg, from './samples/ogg/audio-gaps.ogg':
  Duration: 00:00:02.30, start: 0.000000, bitrate: 42 kb/s
    Stream #0:0, 1, 1/11127: Audio: vorbis, 11127 Hz, stereo, fltp
Successfully opened the file.
Parsing a group of options: output url tmp.mp4.
Applying option c (codec name) with argument copy.
Applying option map (set input stream mapping) with argument 0.
Applying option disposition:v:174 (disposition) with argument a64multi.
Applying option c:a:171 (codec name) with argument a64multi.
Applying option disposition:s:9 (disposition) with argument a64multi.
Option stream_loop (set number of times input stream shall be looped) cannot be app
Error parsing options for output file tmp.mp4.
Error opening output files: Invalid argument
[AVIOContext @ 0x11c551c0] Statistics: 12306 bytes read, 0 seeks
==21685==
==21685== HEAP SUMMARY:
==21685==       in use at exit: 177 bytes in 12 blocks
==21685==   total heap usage: 322 allocs, 310 frees, 1,022,052 bytes allocated
==21685==
==21685== LEAK SUMMARY:
==21685==   definitely lost: 96 bytes in 3 blocks
==21685==   indirectly lost: 49 bytes in 8 blocks
==21685==   possibly lost: 0 bytes in 0 blocks
==21685==   still reachable: 32 bytes in 1 blocks
==21685==     suppressed: 0 bytes in 0 blocks
==21685== Rerun with --leak-check=full to see details of leaked memory
==21685==
==21685== For counts of detected and suppressed errors, rerun with: -v
==21685== ERROR SUMMARY: 0 errors from 0 contexts (suppressed: 0 from 0)
```

by Suhwan, 3 years ago

Attachment: [audio-gaps.ogg](#)added

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comment:2 by Carl Eugen Hoyos, 3 years ago

Component:	undetermined → ffmpeg
Keywords:	leak added
Priority:	important → minor
Reproduced by developer:	set
Status:	new → open

Not a library leak afaiics.

comment:3 by Carl Eugen Hoyos, 3 years ago

Resolution: → fixed

Status: open → closed

Fixed by Andreas Rheinhardt in [21265f42ecb265debe9fec1dbfd0cb7de5a8aefb](#)

Note: See [TracTickets](#) for help on using tickets.

