

darktable - Bug #11118

SQLite issues. Was: darktable crashing on import

08/19/2016 01:42 PM - David Wen Riccardi-Zhu

Status:	Triaged	Start date:	08/19/2016
Priority:	Medium	Due date:	
Assignee:		% Done:	20%
Category:		Estimated time:	0.00 hour
Target version:		bitness:	64-bit
Affected Version:	git master branch	hardware architecture:	amd64/x86
System:	all		

Description

I am trying to import a large photo folder on an external drive -- ~95K photos, 3.5K folders, ~1.3TiB.

Darktable imports about 1/8 of the photos, then hangs.

I'm not sure how to provide any output/bug report from the program, but would be happy to do so.

Thanks for the great work you are doing.

History

#1 - 08/19/2016 01:47 PM - David Wen Riccardi-Zhu

Ran from terminal, getting the following:

```
Eight times: [file].jpg.xmp: caught exiv2 exception '[xmp_write] failed to serialize xmp data'
```

Then:

```
sqlite3 error: /build/darktable-3aW75U/darktable-2.0.5/src/views/lighttable.c:314, function _update_collected_images(): near "X": syntax error
sqlite3 error: /build/darktable-3aW75U/darktable-2.0.5/src/views/lighttable.c:315, function _update_collected_images(): not an error
sqlite3 error: /build/darktable-3aW75U/darktable-2.0.5/src/views/lighttable.c:316, function _update_collected_images(): not an error
sqlite3 error: /build/darktable-3aW75U/darktable-2.0.5/src/views/lighttable.c:314, function _update_collected_images(): unrecognized token: ""
sqlite3 error: /build/darktable-3aW75U/darktable-2.0.5/src/views/lighttable.c:315, function _update_collected_images(): not an error
sqlite3 error: /build/darktable-3aW75U/darktable-2.0.5/src/views/lighttable.c:316, function _update_collected_images(): not an error
sqlite3 error: /build/darktable-3aW75U/darktable-2.0.5/src/views/lighttable.c:314, function _update_collected_images(): not an error
sqlite3 error: /build/darktable-3aW75U/darktable-2.0.5/src/views/lighttable.c:315, function _update_collected_images(): not an error
sqlite3 error: /build/darktable-3aW75U/darktable-2.0.5/src/views/lighttable.c:316, function _update_collected_images(): not an error
sqlite3 error: /build/darktable-3aW75U/darktable-2.0.5/src/views/lighttable.c:314, function _update_collected_images(): near "lect": syntax error
sqlite3 error: /build/darktable-3aW75U/darktable-2.0.5/src/views/lighttable.c:315, function _update_collected_images(): not an error
sqlite3 error: /build/darktable-3aW75U/darktable-2.0.5/src/views/lighttable.c:316, function _update_collected_images(): not an error
```

#2 - 08/19/2016 01:50 PM - Roman Lebedev

IIRC the import time has an issue of quadratic growth, so i'd **highly** recommend importing only small chunks at a time (no more than 10k images at once)

#3 - 08/19/2016 08:16 PM - David Wen Riccardi-Zhu

Roman Lebedev wrote:

IIRC the import time has an issue of quadratic growth, so I'd **highly** recommend importing only small chunks at a time (no more than 10k images at once)

Thanks! That seems to be the case. Imported a few albums, first one over 10K crashed again.

#4 - 08/20/2016 05:01 PM - Roman Lebedev

- Status changed from New to Incomplete

- % Done changed from 0 to 20

If it crashes, it should create a backtrace in /tmp/darktable_bt_XXXXXX.txt

#5 - 08/23/2016 04:40 PM - David Wen Riccardi-Zhu

Roman Lebedev wrote:

If it crashes, it should create a backtrace in /tmp/darktable_bt_XXXXXX.txt

Thanks -- sadly I'm not seeing anything in that directory. : \ Ubuntu 16.04.

#6 - 08/23/2016 05:43 PM - Roman Lebedev

David Wen Riccardi-Zhu wrote:

Ran from terminal, getting the following:

Eight times: [file].jpg.xmp: caught exiv2 exception '[xmp_write] failed to serialize xmp data'

Then:

```
sqlite3 error: /build/darktable-3aW75U/darktable-2.0.5/src/views/lighttable.c:314, function _update_collected_images(): near "X": syntax error
sqlite3 error: /build/darktable-3aW75U/darktable-2.0.5/src/views/lighttable.c:315, function _update_collected_images(): not an error
sqlite3 error: /build/darktable-3aW75U/darktable-2.0.5/src/views/lighttable.c:316, function _update_collected_images(): not an error
sqlite3 error: /build/darktable-3aW75U/darktable-2.0.5/src/views/lighttable.c:314, function _update_collected_images(): unrecognized token: ""
sqlite3 error: /build/darktable-3aW75U/darktable-2.0.5/src/views/lighttable.c:315, function _update_collected_images(): not an error
sqlite3 error: /build/darktable-3aW75U/darktable-2.0.5/src/views/lighttable.c:316, function _update_collected_images(): not an error
sqlite3 error: /build/darktable-3aW75U/darktable-2.0.5/src/views/lighttable.c:314, function _update_collected_images(): not an error
sqlite3 error: /build/darktable-3aW75U/darktable-2.0.5/src/views/lighttable.c:315, function _update_collected_images(): not an error
sqlite3 error: /build/darktable-3aW75U/darktable-2.0.5/src/views/lighttable.c:316, function _update_collected_images(): not an error
sqlite3 error: /build/darktable-3aW75U/darktable-2.0.5/src/views/lighttable.c:314, function _update_collected_images(): near "lect": syntax error
sqlite3 error: /build/darktable-3aW75U/darktable-2.0.5/src/views/lighttable.c:315, function _update_collected_images(): not an error
sqlite3 error: /build/darktable-3aW75U/darktable-2.0.5/src/views/lighttable.c:316, function _update_collected_images(): not an error
```

Hm, can you find out on approximately which files that happens?

Do they have strange filenames?
Do they have strange tags?
Maybe they contain special characters like ""[] and so on?

#7 - 08/23/2016 05:46 PM - Roman Lebedev

Second thought: run darktable with -d sql, redirect output to file:
darktable -d sql 2>&1 > /tmp/darktable-dbg-sql.txt
And then upload that file.

Maybe that will help us...

#8 - 08/24/2016 03:21 AM - David Wen Riccardi-Zhu

Roman Lebedev wrote:

Second thought: run darktable with -d sql, redirect output to file:
darktable -d sql 2>&1 > /tmp/darktable-dbg-sql.txt
And then upload that file.

Maybe that will help us...

Thanks, Roman! It's attached.

It's a bit hard to say about the actual filenames, but I don't think there should be anything out of the ordinary. My typical filename is, for example, dwrz_20160824_0000.dng.

The really strange thing is this: I just tried to import albums 2006, 2007, and 2008. 2006 crashed the last time I tried, this time it worked. 2007 did not work the first two times I tried, but it worked the third time. So far, 2008 has not been working. I think the albums have been around 10-12K images.

[By the way -- Lightroom is the only software that's making me keep Windows around. I still have to see whether the darktable setup is the right fit for me, but I am trying to make an effort to give it a shot. Bottom line is that I am very grateful for all your work and hope to continue to contribute bug reports (at least, and since I can't code yet). Many thanks to the darktable team.]

#9 - 08/24/2016 03:24 AM - David Wen Riccardi-Zhu

Looks like the file did not attach.

#10 - 08/24/2016 03:25 AM - David Wen Riccardi-Zhu

- File darktable-dbg-sql.txt.tar.gz added

David Wen Riccardi-Zhu wrote:

Looks like the file did not attach.

One more time . . . (trying tar this time)

#11 - 08/24/2016 09:06 PM - Roman Lebedev

David Wen Riccardi-Zhu wrote:

David Wen Riccardi-Zhu wrote:

Looks like the file did not attach.

One more time . . . (trying tar this time)

Hmm, i do not see any "sqlite3 error:" lines in there?

Perhaps i failed to provide you with the right line, please try `darktable -d sql &> /tmp/darktable-dbg-sql.txt`

#12 - 08/25/2016 06:48 AM - David Wen Riccardi-Zhu

Attached! File is ~175mib uncompressed.

Roman Lebedev wrote:

David Wen Riccardi-Zhu wrote:

David Wen Riccardi-Zhu wrote:

Looks like the file did not attach.

One more time . . . (trying tar this time)

Hmm, i do not see any "sqlite3 error:" lines in there?

Perhaps i failed to provide you with the right line, please try `darktable -d sql &> /tmp/darktable-dbg-sql.txt`

#13 - 08/25/2016 07:36 PM - Roman Lebedev

David Wen Riccardi-Zhu wrote:

Attached! File is ~175mib uncompressed.

File upload seems to be broken :(

Roman Lebedev wrote:

David Wen Riccardi-Zhu wrote:

David Wen Riccardi-Zhu wrote:

Looks like the file did not attach.

One more time . . . (trying tar this time)

Hmm, i do not see any "sqlite3 error:" lines in there?

Perhaps i failed to provide you with the right line, please try `darktable -d sql &> /tmp/darktable-dbg-sql.txt`

#14 - 08/25/2016 09:59 PM - David Wen Riccardi-Zhu

- File darktable-dbg-sql-20160825.txt.tar.gz added

Trying again. : \

Roman Lebedev wrote:

David Wen Riccardi-Zhu wrote:

Attached! File is ~175mib uncompressed.

File upload seems to be broken :(

Roman Lebedev wrote:

David Wen Riccardi-Zhu wrote:

David Wen Riccardi-Zhu wrote:

Looks like the file did not attach.

One more time . . . (trying tar this time)

Hmm, i do not see any "sqlite3 error:" lines in there?

Perhaps i failed to provide you with the right line, please try `darktable -d sql &> /tmp/darktable-dbg-sql.txt`

#15 - 08/25/2016 10:12 PM - Roman Lebedev

- *Affected Version changed from 2.0.5 to git master branch*
- *Subject changed from darktable crashing on import to SQLite issues. Was: darktable crashing on import*
- *Status changed from Incomplete to Triaged*
- *Priority changed from Low to Medium*
- *System changed from Ubuntu to all*

Files

darktable-dbg-sql.txt.tar.gz	303 KB	08/24/2016	David Wen Riccardi-Zhu
darktable-dbg-sql-20160825.txt.tar.gz	553 KB	08/25/2016	David Wen Riccardi-Zhu