

darktable - Bug #11636

SQL syntax error

06/03/2017 09:31 PM - Heiko Bauke

Status:	Fixed	Start date:	06/03/2017
Priority:	Low	Due date:	
Assignee:		% Done:	100%
Category:	General	Estimated time:	0.00 hour
Target version:	2.4.0	bitness:	64-bit
Affected Version:	git master branch	hardware architecture:	amd64/x86
System:	Ubuntu		

Description

I am getting some error messages that hint to an SQL issue.

```
sqlite3 error: /home/[...]/src/libs/tools/filmstrip.c:523, function _lib_filmstrip_imgid_in_collection(): near ")": syntax error
sqlite3 error: /home/[...]/src/libs/tools/filmstrip.c:527, function _lib_filmstrip_imgid_in_collection(): near ")": syntax error
sqlite3 error: /home/[...]/src/libs/tools/filmstrip.c:528, function _lib_filmstrip_imgid_in_collection(): near ")": syntax error
sqlite3 error: /home/[...]/src/libs/tools/filmstrip.c:530, function _lib_filmstrip_imgid_in_collection(): near ")": syntax error
```

Furthermore, opening the darkroom no stars are indicated for some film strip pictures even when the corresponding pictures are given a number of stars. Both issues might be related.

I am sorry that I am not able to elaborate this bug report further as I am not an sqlite expert.

Heiko

Associated revisions

Revision 284f1e83 - 06/21/2017 12:40 PM - Tobias Ellinghaus

Fix broken SQL query manipulation

This code was relying on the specific formatting of the collection's query in order to manipulate the string. That broke in some cases. Instead we are now using the collection query as a subquery and wrapping a count() selection around it.

Fixes #11636

History

#1 - 06/04/2017 05:49 PM - Tobias Ellinghaus

Do you have a relatively complex rule set in your collect module? What happens when you just collect by filmroll? Do you still get those errors?

#2 - 06/04/2017 06:50 PM - Tobias Ellinghaus

As you are using a git build, please update and show the error message. I updated them to show the failed query, maybe that will shed some light on it.

#3 - 06/20/2017 05:25 PM - Heiko Bauke

Tobias Ellinghaus wrote:

I updated them to show the failed query, maybe that will shed some light on it.

I applied the mentioned patch. The now more verbose error message reads typically:

```
sqlite3 error: /home/bauke/[...]/filmstrip.c:523, function _lib_filmstrip_imgid_in_collection(), query "SELECT COUNT(*) FROM main.images WHERE id=?3 AND (flags & 256) != 256 AND ((film_id IN (SELECT id FROM main.film_rolls WHERE folder LIKE '/home/bauke/Bilder/RAW/2017/2017_06_xx')))) AS a LEFT OUTER JOIN main.color_labels AS b ON a.id = b.imgid ORDER BY color DESC, filename, version LIMIT ?1, ?2": near ")": syntax error
sqlite3 error: /home/bauke/[...]/filmstrip.c:527, function _lib_filmstrip_imgid_in_collection(): near ")": syntax error
sqlite3 error: /home/bauke/[...]/filmstrip.c:528, function _lib_filmstrip_imgid_in_collection(): near ")": syntax error
sqlite3 error: /home/bauke/[...]/filmstrip.c:530, function _lib_filmstrip_imgid_in_collection(): near ")": syntax error
```

If I count correctly there is one closing brace more than opening braces.

Regards, Heiko

#4 - 06/20/2017 11:55 PM - Tobias Ellinghaus

- % Done changed from 0 to 50

- Status changed from New to In Progress

please take a screenshot of the collect module and the filter settings in the top. The query looks unbalanced indeed, but I would like to reproduce it locally. That would make it easier to spot the bad code.

#5 - 06/21/2017 12:14 AM - Tobias Ellinghaus

Ok, I think I found it. The reason being the braindead way some parts of dt fiddle with sql query strings. Which totally breaks as soon as you order by colorlabels.

#6 - 06/21/2017 10:39 AM - Heiko Bauke

Tobias Ellinghaus wrote:

Ok, I think I found it. The reason being the braindead way some parts of dt fiddle with sql query strings. Which totally breaks as soon as you order by colorlabels.

Indeed, I sorted images by color labels when the described error appeared.

Heiko

#7 - 06/21/2017 02:03 PM - Tobias Ellinghaus

- % Done changed from 50 to 100

- Status changed from In Progress to Fixed

Applied in changeset [darktable|284f1e83db57ffaeaa530c901636f865eacefc7](#).

#8 - 06/25/2017 12:24 PM - Roman Lebedev

- Target version changed from Candidate for next patch release to 2.4.0