QGIS Application - Bug report #5335
"export/add geometry columns" make QGIS crash if you have previously opened the attribute table

2012-04-09 07:38 AM - Giovanni Manghi

Status:	Closed		
Priority:	High		
Assignee:	Alexander Bruy	**Regression?:**	
Category:	Processing/QGIS		
Affected QGIS version:	master	**Easy fix?:**	
Operating System:			
Pull Request or Patch supplied:	No	**Resolution:**	fixed
Crashes QGIS or corrupts data:	Yes	**Copied to github as #:**	15036

Description

qgio@sibirica:~$ qgis

Warning: loading of qgis translation failed [/usr/share/qgis/i18n//qgis_en_US]

Warning: loading of qt translation failed [/usr/share/qt4/translations/qt_en_US]

Warning: QHttp: empty path requested is invalid -- using '/'

Warning: QObject::setParent: Cannot set parent, new parent is in a different thread

Warning: QPixmap: It is not safe to use pixmaps outside the GUI thread

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Xlib: sequence lost (0x1970f > 0x9717) in reply type 0x1c!

[xcb] Unknown request in queue while dequeuing

[xcb] Most likely this is a multi-threaded client and XInitThreads has not been called

[xcb] Aborting, sorry about that.

qgis.bin: ../../src/xcb_io.c:178: dequeue_pending_request: Assertion `!xcb_xlib_unknown_req_in_deq' failed.

Aborted

Associated revisions

Revision d18529fc - 2012-05-16 04:23 PM - Alexander Bruy

show warning before updating exisiting shapefile (fix #5335)

Revision 52a35edd - 2012-05-17 09:06 PM - Alexander Bruy

show warning before updating exisiting shapefile (fix #5335)

History

#1 - 2012-04-09 07:41 AM - Giovanni Manghi

- Subject changed from "export/add geomtery columns" make QGIS crash if columns do already exist to "export/add geomtery columns" make QGIS crash if columns (area, perimeter,coordx,corrdy,etc.) do already exist

#2 - 2012-04-09 08:45 AM - Alexander Bruy

Tested under 32-bit Slackware and QGIS master commit:d1a11bec96 and it works fine with both options (create new layer and update existing layer). Maybe it crashes when this fields created by user and have different data type?

#3 - 2012-04-09 08:47 AM - Giovanni Manghi

Alexander Bruy wrote:

> *Maybe it crashes when this fields created by user and have different data type?*

no, it crashes when using the tool two times in a row. I will attach here sample data that is causing the crash on both windows and ubuntu with qgis-master.

#4 - 2012-04-09 09:24 AM - Giovanni Manghi

Giovanni Manghi wrote:

> *Alexander Bruy wrote:*
>
> > *Maybe it crashes when this fields created by user and have different data type?*
>
> *no, it crashes when using the tool two times in a row. I will attach here sample data that is causing the crash on both windows and ubuntu with qgis-master.*

this is weird. I got the crash consistently for many tries while trying to find a pattern, then suddenly it stopped crashing (using the very same vectors)...

#5 - 2012-04-09 09:29 AM - Giovanni Manghi

Giovanni Manghi wrote:

> *Giovanni Manghi wrote:*
>
> > *Alexander Bruy wrote:*
> >
> > > *Maybe it crashes when this fields created by user and have different data type?*
> >
> > *no, it crashes when using the tool two times in a row. I will attach here sample data that is causing the crash on both windows and ubuntu with qgis-master.*
>
> *this is weird. I got the crash consistently for many tries while trying to find a pattern, then suddenly it stopped crashing (using the very same vectors)...*

but still pretty easy to replicate... I tested other vectors and is enough to run two times in a row (after clicking "close" after the first time), regardless of the vector used. I have also vector that cause qgis to crash the first time the tool is run.

#6 - 2012-04-09 09:34 AM - Alexander Bruy

Weird, still works for me. I tried several times with different vectors.

#7 - 2012-04-09 12:43 PM - Salvatore Larosa

Alexander Bruy wrote:

> *Weird, still works for me. I tried several times with different vectors.*

The same for me, no problem!

#8 - 2012-04-09 01:31 PM - Salvatore Larosa

I did some tests in more detail and I noticed that sometimes QGIS crashes!
It is very difficult to reproduce!

When it crashes I get this:

    $ qgis
    Warning: QObject::setParent: Cannot set parent, new parent is in a different thread
    Warning: QObject::setParent: Cannot set parent, new parent is in a different thread
    Warning: QPixmap: It is not safe to use pixmaps outside the GUI thread
    Warning: QPixmap: It is not safe to use pixmaps outside the GUI thread
    Warning: QPixmap: It is not safe to use pixmaps outside the GUI thread
    Warning: QApplication: Object event filter cannot be in a different thread.
    Warning: QPixmap: It is not safe to use pixmaps outside the GUI thread
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    Warning: QPixmap: It is not safe to use pixmaps outside the GUI thread
    Segmentation fault

#9 - 2012-04-10 02:30 AM - Giovanni Manghi

Salvatore Larosa wrote:

> *I did some tests in more detail and I noticed that sometimes QGIS crashes!*
> *It is very difficult to reproduce!*
>
> *When it crashes I get this:*
>
> *[...]*

it is really puzzling, but not that hard to replicate, at least on my Ubuntu machine with qgis-master installed with the nightly-build repo (and regardless of the vector used). The errors are the one already posted.

#10 - 2012-04-29 10:18 AM - Salvatore Larosa

Is it still confirmed after Alexander's commit (commit:d3a50e8bcb)?

I cannot seem to reproduce it!

#11 - 2012-05-01 12:48 AM - Alexander Bruy

- Assignee deleted (cfarmer -)

- Status changed from Open to Feedback

#12 - 2012-05-02 05:19 AM - Giovanni Manghi

- Status changed from Feedback to Open

Hi Alexander, the feedback is that I'm still able to get the crash consistently (but not always) on both Linux and Windows.

#13 - 2012-05-02 09:52 AM - Salvatore Larosa

Now, I am able to reproduce!!
Apparently, it occurs if before opens attribute table (very strange!)!

For reproduce:
Load layer;
Open Attribute table;
run Export/add geometry column (fTools)
Crashes!

I am investigating!

#14 - 2012-05-02 11:17 AM - Alexander Bruy

Maybe I'm wrong but this is because QGIS don't support simultaneous access to one datasource from different threads

#15 - 2012-05-02 02:42 PM - Salvatore Larosa

- Subject changed from "export/add geomtery columns" make QGIS crash if columns (area, perimeter,coordx,corrdy,etc.) do already exist to "export/add geomtery columns" make QGIS crash if you have previously opened the attribute table

It also occurs if the columns do not exist!

#16 - 2012-05-02 03:32 PM - Salvatore Larosa

if "save to new shapefile" is flagged, works fine!

Alexander, you're probably right!

#17 - 2012-05-03 02:31 AM - Salvatore Larosa

Alexander, I confirm, you're right!
Seems you can not access the same datasource from different threads simultaneously!!
That also occurs with Simplify Geometries tool!

one solution possible is:
I edited fTools (doGeometry.py and ui_frmGeometry.py) to avoid the issue by adding constraint to save a new file, as occurs in other tools!

#18 - 2012-05-03 05:05 AM - Alexander Bruy

- Assignee set to Alexander Bruy

I think remove this functionality is not good solution. Maybe it is better to add warning before processing. Giovanni what do you think?

#19 - 2012-05-03 05:29 AM - Jürgen Fischer

- Subject changed from "export/add geomtery columns" make QGIS crash if you have previously opened the attribute table to "export/add geometry columns" make QGIS crash if you have previously opened the attribute table

#20 - 2012-05-03 05:38 AM - Giovanni Manghi

Alexander Bruy wrote:

> *I think remove this functionality is not good solution. Maybe it is better to add warning before processing. Giovanni what do you think?*

running ftools and have the results computed in the input layer instead of a new shapefile seems to be a need of most common users, so I would like to keep this option. The warning seems ok to me.

#21 - 2012-05-16 07:32 AM - Alexander Bruy

- Status changed from Open to Closed

Fixed in changeset commit:"d18529fc266cf03992a35244164b73e04e505a0e".

#22 - 2012-05-16 07:33 AM - Alexander Bruy

- Resolution set to fixed

#23 - 2017-05-01 01:22 AM - Giovanni Manghi

The "ftools" category is being removed from the tracker, changing the category of this ticket to "Processing/QGIS" to not leave the category orphaned.