Postgis Connection freeze if you press "Set filter" during loading of data

If you press "SET filter" button, while the connection it's still searching for other databases , then QGIS will freeze.

If you press stop and then you click set filter, it will work.

Also, sometimes it's takes up to 1 minute to load all the tables, and i just need the last table.

I'm taking this

I could reproduce with current master (9a2f46e) on ubuntu 14.04

It might be related to clicking on "Set Filter" twice.
I could also get: * Error in 'output/bin/qgis': double free or corruption (out): 0x00007f2c1802c2d0 *
With the following backtrace:

```
#0 0x00007f2c4db10cc9 in __GI_raise (sig=sig@entry=6) at ../nptl/sysdeps/unix/sysv/linux/raise.c:56
```
#1 0x00007f2c4db140d8 in __GI_abort () at abort.c:89
#2 0x00007f2c4db4d394 in __libc_message (do_abort=do_abort@entry=1, fmt=fmt@entry=0x7f2c4dc5bb28 "**** Error in '%s': %s: 0x%s
")
at ../sysdeps/posix/libc_fatal.c:175
#3 0x00007f2c4db966e in malloc_printf (ptr=<optimized out>, str=0x7f2c4dc5bc58 "double free or corruption (out)", action=1) at malloc.c:4996
#4 0x00007f2c4db140d8 in __GI_abort () at abort.c:89
#5 0x00007f2c4db4d394 in __libc_message (do_abort=do_abort@entry=1, fmt=fmt@entry=0x7f2c4dc5bb28 "**** Error in '%s': %s: 0x%s
")
at ../sysdeps/posix/libc_fatal.c:175
#6 0x00007f2c4db5966e in malloc_printf (ptr=<optimized out>, str=0x7f2c4dc5bc58 "double free or corruption (out)", action=1) at malloc.c:4996
#7 0x00007f2c4db140d8 in __GI_abort () at abort.c:89
#8 0x00007f2c4db966e in malloc_printf (ptr=<optimized out>, str=0x7f2c4dc5bc58 "double free or corruption (out)", action=1) at malloc.c:4996
#9 0x00007f2c4db140d8 in __GI_abort () at abort.c:89
#10 0x00007f2c4db4d394 in __libc_message (do_abort=do_abort@entry=1, fmt=fmt@entry=0x7f2c4dc5bb28 "**** Error in '%s': %s: 0x%s
")
at ../sysdeps/posix/libc_fatal.c:175
#11 0x00007f2c4db5966e in malloc_printf (ptr=<optimized out>, str=0x7f2c4dc5bc58 "double free or corruption (out)", action=1) at malloc.c:4996
#12 0x00007f2c4db140d8 in __GI_abort () at abort.c:89
#13 0x00007f2c4db4d394 in __libc_message (do_abort=do_abort@entry=1, fmt=fmt@entry=0x7f2c4dc5bb28 "**** Error in '%s': %s: 0x%s
")
at ../sysdeps/posix/libc_fatal.c:175
#14 0x00007f2c4db5966e in malloc_printf (ptr=<optimized out>, str=0x7f2c4dc5bc58 "double free or corruption (out)", action=1) at malloc.c:4996
#15 0x00007f2c4db140d8 in __GI_abort () at abort.c:89
#16 0x00007f2c4db5966e in malloc_printf (ptr=<optimized out>, str=0x7f2c4dc5bc58 "double free or corruption (out)", action=1) at malloc.c:4996
#17 0x00007f2c4db140d8 in __GI_abort () at abort.c:89
#18 0x00007f2c4db5966e in malloc_printf (ptr=<optimized out>, str=0x7f2c4dc5bc58 "double free or corruption (out)", action=1) at malloc.c:4996

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#6 - 2016-01-18 01:50 AM - Sandro Santilli

Same problem happens with 2.8.4

#7 - 2016-01-18 02:14 AM - Sandro Santilli

I think the problem is with sharing the same connection. Forcing all connections not to be shared fixes this issue.

I'm not sure why sharing is decided at connection construction time.

#8 - 2016-01-18 03:28 AM - Sandro Santilli

- Pull Request or Patch supplied changed from No to Yes

PR ready for test by original reporter and discussion by other developers: [https://github.com/qgis/QGIS/pull/2689](https://github.com/qgis/QGIS/pull/2689)

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2021-05-08
Bug should be fixed with commit 4ccb08dbadaca8153f69ddda7ab8b3b79729239b -- please test

I've added an assert to guard against any other such dangerous use of shared pgsql connections here: https://github.com/qgis/QGIS/pull/2695

Assuming fixed by commit:4ccb08dbadaca8153f69ddda7ab8b3b79729239b

Files

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