

## Quassel IRC - Bug #1526

### quasselcore - unhandled error in QSqlQuery

06/18/2019 02:05 PM - blackntan

<b>Status:</b>	Resolved	<b>Start date:</b>	06/18/2019
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	100%
<b>Category:</b>	Quassel Core	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Some future release	<b>OS:</b>	Linux
<b>Version:</b>	0.13.0		
<b>Description</b>			
v0.14-pre+113 git-5617bd86			
<pre>Jun 18 11:21:34 vpc quasselcore[3274]: 2019-06-18 11:21:34 [Error] unhandled Error in QSqlQuery! Jun 18 11:21:34 vpc quasselcore[3274]: 2019-06-18 11:21:34 [Error] last Query: Jun 18 11:21:34 vpc quasselcore[3274]: INSERT INTO buffer (userid, networkid, buffername, buffercname, buffertype, jo ame, buffertype, jo Jun 18 11:21:34 vpc quasselcore[3274]: VALUES (:userid, :networkid, :buffername, :buffercname, :bu ffertype, :joined) Jun 18 11:21:34 vpc quasselcore[3274]: RETURNING bufferid Jun 18 11:21:34 vpc quasselcore[3274]: 2019-06-18 11:21:34 [Error] executed Query: Jun 18 11:21:34 vpc quasselcore[3274]: INSERT INTO buffer (userid, networkid, buffername, buffercname, buffertype, jo ame, buffertype, jo Jun 18 11:21:34 vpc quasselcore[3274]: VALUES (?, ?, ?, ?, ?, ?) Jun 18 11:21:34 vpc quasselcore[3274]: RETURNING bufferid Jun 18 11:21:34 vpc quasselcore[3274]: 2019-06-18 11:21:34 [Error] bound Values: : buffercname='#mpdm- Jun 18 11:21:34 vpc quasselcore[3274]: 2019-06-18 11:21:34 [Error] Error Number: 2 2001 Jun 18 11:21:34 vpc systemd[1]: quasselcore.service: main process exited, code=killed, status=6/AB RT Jun 18 11:21:34 vpc systemd[1]: Unit quasselcore.service entered failed state. Jun 18 11:21:34 vpc systemd[1]: quasselcore.service failed.</pre>			

#### Associated revisions

##### Revision 9fa6f420 - 11/28/2020 01:42 PM - blackntan

sql: Remove PostgreSQL text limits, fixes hangs

Modify all PostgreSQL text column limits to the unlimited TEXT type instead of VARCHAR. Modern PostgreSQL versions (year 2000 onward) do not store text any differently depending on whether or not it's TEXT or VARCHAR.

<https://www.postgresql.org/message-id/20667.971213689%40sss.pgh.pa.us>

This avoids having the core fail to save values or hang entirely, and also addresses migration issues from SQLite where text limits aren't applied.

See <https://bugs.quassel-irc.org/issues/1526>

This shouldn't introduce any noticeable performance impact:

<https://stackoverflow.com/questions/1067061/does-a-varchar-fields-declared-size-have-any-impact-in-postgresql>

Fix up a spurious length-limited field for SQLite in case length limits are applied in newer SQLite versions.

The proper long-term fix is to implement length checks throughout the Quassel core (sanitizing data) and client (to warn of length issues), rather than relying on the database to enforce limits.

Sponsored by Postgres Phone Plans. UNLIMITED TEXT, TALK, and DATA for \$9.99 a month! Some restrictions apply. This is not serious.

[Commit squashed from "jcolson", thanks!]  
See <https://github.com/quassel/quassel/pull/478>

Fixes GH-478  
Fixes #1526

## History

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### #1 - 06/18/2019 02:08 PM - blackntan

v0.14-pre+113 git-5617bd86

```
Jun 18 11:21:34 vpc quasselcore[3274]: 2019-06-18 11:21:34 [Error] unhandled Error in QSqlQuery!
Jun 18 11:21:34 vpc quasselcore[3274]: 2019-06-18 11:21:34 [Error] last Query:
Jun 18 11:21:34 vpc quasselcore[3274]: INSERT INTO buffer (userid, networkid, buffername, buffercname, buffert
ype, joined)
Jun 18 11:21:34 vpc quasselcore[3274]: VALUES (:userid, :networkid, :buffername, :buffercname, :buffertype, :j
oined)
Jun 18 11:21:34 vpc quasselcore[3274]: RETURNING bufferid
Jun 18 11:21:34 vpc quasselcore[3274]: 2019-06-18 11:21:34 [Error] executed Query:
Jun 18 11:21:34 vpc quasselcore[3274]: INSERT INTO buffer (userid, networkid, buffername, buffercname, buffert
ype, joined)
Jun 18 11:21:34 vpc quasselcore[3274]: VALUES (?, ?, ?, ?, ?, ?)
Jun 18 11:21:34 vpc quasselcore[3274]: RETURNING bufferid
Jun 18 11:21:34 vpc quasselcore[3274]: 2019-06-18 11:21:34 [Error] bound Values: :buffercname=
'#mpdm-declan.oshanahan--jay.colson--paul.richardson--nicky.white--cian.osullivan--cian.doyle--carol.croke--co
lum.walsh--max.bacik-1', :buffername='#mpdm-declan.oshanahan--jay.colson--paul.richardson--nicky.white--cian.o
sullivan--cian.doyle--carol.croke--colum.walsh--max.bacik-1', :buffertype=2, :joined=TRUE, :networkid=2, :user
id=1
Jun 18 11:21:34 vpc quasselcore[3274]: 2019-06-18 11:21:34 [Error] Error Number: 22001
Jun 18 11:21:34 vpc systemd[1]: quasselcore.service: main process exited, code=killed, status=6/ABRT
Jun 18 11:21:34 vpc systemd[1]: Unit quasselcore.service entered failed state.
Jun 18 11:21:34 vpc systemd[1]: quasselcore.service failed.
```

### #2 - 06/19/2019 12:37 PM - blackntan

fixed via <https://github.com/quassel/quassel/pull/478>

### #3 - 11/28/2020 01:42 PM - blackntan

- Status changed from New to Resolved  
- % Done changed from 0 to 100

Applied in changeset [quassel!9fa6f42009ada45e4787972b5e137ba19876c8dd](https://github.com/quassel/quassel/pull/478).