Quassel IRC - Feature #1821

Errors in a schema upgrade script that contains multiple SQL statements are not detected

06/12/2022 11:56 PM - jjakob

Status:	New		**Start date:**	06/12/2022
Priority:	Normal		**Due date:**	
Assignee:			**% Done:**	0%
Category:			**Estimated time:**	0.00 hour
Target version:				
OS:	Any			

Description

I created a schema upgrade script with multiple statements in one file. When the upgrade started, one of the statements failed with an error visible in the PostgreSQL log, but quasselcore didn't show any errors and just finished the upgrade and increased the schemaversion number in the database anyway.

I believe this is due to the use of watchQuery
https://github.com/quassel/quassel/blob/4251006ea8f4433e1c139d380cd6c748b0dfcc84/src/core/abstractsqlstorage.cpp#L272
which calls 'query.lastError().isValid()' just once, which may return the status of one of the successfully-executed statements inside the entire multi-statement query while it has not yet finished executing.
I believe it is not written to work with multi-statement upgrade scripts, each statement must be broken out into a separate file.

History

#1 - 06/23/2022 01:24 PM - khtmhai5

I have same issue..