# QSqlMonitor

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# **Description of the project**

#### Name: QsqlMonitor

**Description:** OpenSource Qt GUI tool for SQL server administration. Supports Firebird, MySQL, SQLite, PostgreSQL database servers

**Developer:** Ing. František Vacek

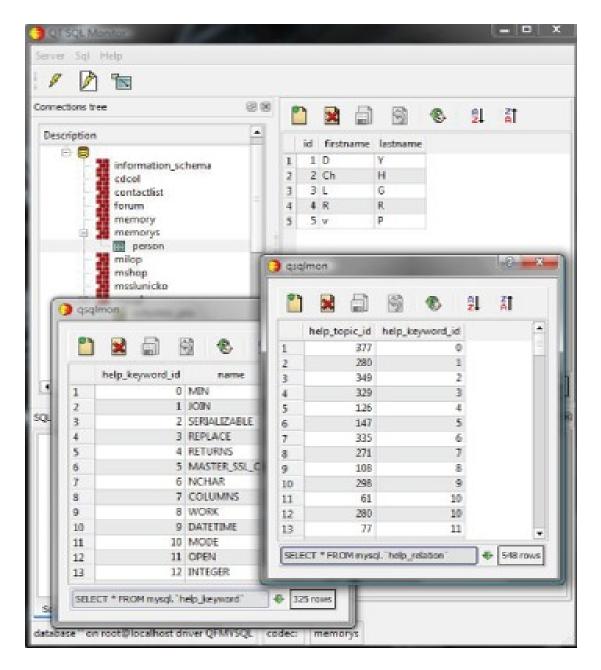
### Version: 1.3

#### Homepage:

http://sourceforge.net/projects/qsqlmon/

## QSqlMon can do?

- Connect to database(MySQL, Sqlite, PostgreSQL, Firebird)
- Manage database tables
- Run SQL queries and scripts
- Visualize SQL queries results in datagrids
- Inline edition of the data form datagrids and saving of changes to database(delete, add rows)
- Exports data from datagrids to CVS, HTML, XML



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## **Technical details**

- · Qt toolkit http://qt.nokia.com/
- · C++
- $\cdot$  Mingw for win32
- Multiplatform(Windows, Linux)

# **Task description**

 Design \*.rpm (Red Hat, Centos, Fedora, openSUSE) install packages

Design \*.deb install packages
(Debian, Ubuntu, Kubuntu)

## **Building manually application**

Problems encountered:

- project had compile errors

- project contains absolute path to dependencies it needs

 design errors (a custom QSqliteDriver was extended from the class
<<u>QtSql/private/qsqlcachedresult\_p.h></u> which is not part of Qt API)

## **Building rpm install packs (1)**





RPMS



SOURCES



SPECS



## Building rpm install packs (2)

qsqlmon.spec presentation

## **Evaluation results**

- Created unique *qsqlmon.spec* file that give posibility to create \*.rpm install packages for Fedora, Red Hat, CentOS, openSUSE.

- Created and installed successfully rpms Fedora 12(32bit and 64 bit), openSUSE 11.2

### Future work

Creation of \*.deb install packaged
Change of qsqlmon.pro according to new task