

Sonic Annotator - Bug #1544

Building Sonic Annotator 1.3 in Ubuntu 15.10, 64 bits

2016-01-29 05:08 PM - Bruno Dias

Status:	New	Start date:	2016-01-29
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			

Description

Greetings.

I'm trying to compile the newest Sonic Annotator version. First, I ran ./configure and got the following output:

```
checking for gcc... gcc
checking whether the C compiler works... yes
checking for C compiler default output file name... a.out
checking for suffix of executables...
checking whether we are cross compiling... no
checking for suffix of object files... o
checking whether we are using the GNU C compiler... yes
checking whether gcc accepts -g... yes
checking for gcc option to accept ISO C89... none needed
checking for g++... g++
checking whether we are using the GNU C++ compiler... yes
checking whether g++ accepts -g... yes
checking for a BSD-compatible install... /usr/bin/install -c
checking for a thread-safe mkdir -p... /bin/mkdir -p
checking how to run the C++ preprocessor... g++ -E
checking for grep that handles long lines and -e... /bin/grep
checking for egrep... /bin/grep -E
checking for ANSI C header files... yes
checking for pkg-config... /usr/bin/pkg-config
checking pkg-config is at least version 0.9.0... yes
checking for qmake-qt5... no
checking for qmake... no
checking for qmake.exe... no
checking for qmake-qt5... no
checking for qmake... qmake
configure: WARNING:
*** The version of qmake found in "qmake" looks like it might be
    from the wrong version of Qt (Qt5 is required). Please check
    that this is the correct version of qmake for Qt5 builds.

checking for sys/types.h... yes
checking for sys/stat.h... yes
checking for stdlib.h... yes
checking for string.h... yes
checking for memory.h... yes
checking for strings.h... yes
checking for inttypes.h... yes
checking for stdint.h... yes
```

checking for unistd.h... yes
checking for bz2... no
configure: Failed to find required module bz2 using pkg-config, trying again by old-fashioned means
checking bzlib.h usability... yes
checking bzlib.h presence... yes
checking for bzlib.h... yes
checking for BZ2_bzReadOpen in -lbz2... yes
checking for fftw3... yes
checking for fftw3f... yes
checking for sndfile... yes
checking for samplerate... yes
checking for sord... yes
checking for serd... yes
checking for liblo... yes
checking for lrd... yes
checking for oggz... yes
checking for fishsound... yes
checking for mad... yes
checking for id3tag... no
configure: Failed to find optional module id3tag using pkg-config, trying again by old-fashioned means
checking id3tag.h usability... no
checking id3tag.h presence... no
checking for id3tag.h... no
configure: Failed to find header id3tag.h for optional module id3tag
configure: creating ./config.status
config.status: creating config.pri
=== configuring in svcore (/home/echo66/tese/features-extractors/sonic-annotator-1.3/svcore)
configure: running /bin/bash ./configure --disable-option-checking '--prefix=/usr/local' --cache-file=/dev/null --srcdir=.
checking for gcc... gcc
checking whether the C compiler works... yes
checking for C compiler default output file name... a.out
checking for suffix of executables...
checking whether we are cross compiling... no
checking for suffix of object files... o
checking whether we are using the GNU C compiler... yes
checking whether gcc accepts -g... yes
checking for gcc option to accept ISO C89... none needed
checking for g++... g++
checking whether we are using the GNU C++ compiler... yes
checking whether g++ accepts -g... yes
checking for a BSD-compatible install... /usr/bin/install -c
checking for a thread-safe mkdir -p... /bin/mkdir -p
checking whether g++ supports C++11 features by default... no
checking whether g++ supports C++11 features with -std=c++11... yes
checking how to run the C++ preprocessor... g++ -E
checking for grep that handles long lines and -e... /bin/grep
checking for egrep... /bin/grep -E
checking for ANSI C header files... yes
checking for pkg-config... /usr/bin/pkg-config
checking pkg-config is at least version 0.9.0... yes
checking for qmake-qt5... no
checking for qmake... no
checking for qmake.exe... no

```
checking for qmake-qt5... no
checking for qmake... qmake
configure: WARNING:
*** The version of qmake found in "qmake" looks like it might be
    from the wrong version of Qt (Qt5 is required). Please check
    that this is the correct version of qmake for Qt5 builds.

checking for sys/types.h... yes
checking for sys/stat.h... yes
checking for stdlib.h... yes
checking for string.h... yes
checking for memory.h... yes
checking for strings.h... yes
checking for inttypes.h... yes
checking for stdint.h... yes
checking for unistd.h... yes
checking for bz2... no
configure: Failed to find required module bz2 using pkg-config, trying again by old-fashioned means
checking bzlib.h usability... yes
checking bzlib.h presence... yes
checking for bzlib.h... yes
checking for BZ2_bzReadOpen in -lbz2... yes
checking for fftw3... yes
checking for fftw3f... yes
checking for sndfile... yes
checking for samplerate... yes
checking for vamp... yes
checking for vamphostsdk... yes
checking for liblo... yes
checking for portaudio_2_0... no
configure: Failed to find optional module portaudio_2_0 using pkg-config, trying again by old-fashioned means
checking portaudio.h usability... no
checking portaudio.h presence... no
checking for portaudio.h... no
configure: Failed to find header portaudio.h for optional module portaudio_2_0
checking for JACK... yes
checking for libpulse... no
configure: Failed to find optional module libpulse using pkg-config, trying again by old-fashioned means
checking pulse/pulseaudio.h usability... no
checking pulse/pulseaudio.h presence... no
checking for pulse/pulseaudio.h... no
configure: Failed to find header pulse/pulseaudio.h for optional module libpulse
checking for lrd... yes
checking for ogg... yes
checking for fishsound... yes
checking for mad... yes
checking for id3tag... no
configure: Failed to find optional module id3tag using pkg-config, trying again by old-fashioned means
checking id3tag.h usability... no
checking id3tag.h presence... no
checking for id3tag.h... no
configure: Failed to find header id3tag.h for optional module id3tag
configure: creating ./config.status
```

config.status: creating config.pri
configure:

Configuration complete.

Please check the above messages for any warnings that you might care about, and then run "make".

The file config.pri contains the configuration settings for qmake. If you want to adjust these by hand, edit config.pri and run "qmake -r" again to regenerate the Makefile.

```
Reading /home/echo66/tese/features-extractors/sonic-annotator-1.3/dataquay/lib.pro
Reading /home/echo66/tese/features-extractors/sonic-annotator-1.3/svcore/svcore.pro
Reading /home/echo66/tese/features-extractors/sonic-annotator-1.3/runner.pro
Reading /home/echo66/tese/features-extractors/sonic-annotator-1.3/svcore/data/fileio/test/test.pro
configure:
```

Configuration complete.

Please check the above messages for any warnings that you might care about, and then run "make".

The file config.pri contains the configuration settings for qmake. If you want to adjust these by hand, edit config.pri and run "qmake -r" again to regenerate the Makefile.

Then, I ran make and got the following output:

```
cd dataquay/ && make -f Makefile.lib
make[1]: Entering directory '/home/echo66/tese/features-extractors/sonic-annotator-1.3/dataquay'
g++ -c -m64 -pipe -g0 -O2 -Wall -pipe -DNDEBUG -DBUILD_RELEASE -DNO_TIMING -I/usr/include/sord-0
-I/usr/include/serd-0 -I/usr/include/serd-0 -O2 -fPIC -Wall -W -D_REENTRANT -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3
-DHAVE_FFTW3F -DHAVE_SNDFILE -DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO
-DHAVE_LRDF -DHAVE_OGGZ -DHAVE_FISHSOUND -DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB
-DQT_SHARED -I/usr/share/qt4/mkspecs/linux-g++-64 -I. -I/usr/include/qt4/QtCore -I/usr/include/qt4 -ldataquay -lo -o
o/Connection.o src/Connection.cpp
g++ -c -m64 -pipe -g0 -O2 -Wall -pipe -DNDEBUG -DBUILD_RELEASE -DNO_TIMING -I/usr/include/sord-0
-I/usr/include/serd-0 -I/usr/include/serd-0 -O2 -fPIC -Wall -W -D_REENTRANT -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3
-DHAVE_FFTW3F -DHAVE_SNDFILE -DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO
-DHAVE_LRDF -DHAVE_OGGZ -DHAVE_FISHSOUND -DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB
-DQT_SHARED -I/usr/share/qt4/mkspecs/linux-g++-64 -I. -I/usr/include/qt4/QtCore -I/usr/include/qt4 -ldataquay -lo -o o/Node.o
src/Node.cpp
g++ -c -m64 -pipe -g0 -O2 -Wall -pipe -DNDEBUG -DBUILD_RELEASE -DNO_TIMING -I/usr/include/sord-0
-I/usr/include/serd-0 -I/usr/include/serd-0 -O2 -fPIC -Wall -W -D_REENTRANT -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3
-DHAVE_FFTW3F -DHAVE_SNDFILE -DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO
-DHAVE_LRDF -DHAVE_OGGZ -DHAVE_FISHSOUND -DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB
-DQT_SHARED -I/usr/share/qt4/mkspecs/linux-g++-64 -I. -I/usr/include/qt4/QtCore -I/usr/include/qt4 -ldataquay -lo -o
o/PropertyObject.o src/PropertyObject.cpp
g++ -c -m64 -pipe -g0 -O2 -Wall -pipe -DNDEBUG -DBUILD_RELEASE -DNO_TIMING -I/usr/include/sord-0
-I/usr/include/serd-0 -I/usr/include/serd-0 -O2 -fPIC -Wall -W -D_REENTRANT -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3
-DHAVE_FFTW3F -DHAVE_SNDFILE -DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO
-DHAVE_LRDF -DHAVE_OGGZ -DHAVE_FISHSOUND -DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB
-DQT_SHARED -I/usr/share/qt4/mkspecs/linux-g++-64 -I. -I/usr/include/qt4/QtCore -I/usr/include/qt4 -ldataquay -lo -o
```

o/RDFException.o src/RDFException.cpp
g++ -c -m64 -pipe -g0 -O2 -Wall -pipe -DNDEBUG -DBUILD_RELEASE -DNO_TIMING -I/usr/include/sord-0
-I/usr/include/serd-0 -I/usr/include/serd-0 -O2 -fPIC -Wall -W -D_REENTRANT -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3
-DHAVE_FFTW3F -DHAVE_SNDFILE -DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO
-DHAVE_LRDF -DHAVE_OGGZ -DHAVE_FISHSOUND -DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB
-DQT_SHARED -I/usr/share/qt4/mkspecs/linux-g++-64 -I. -I/usr/include/qt4/QtCore -I/usr/include/qt4 -ldataquay -lo -o o/Store.o
src/Store.cpp
g++ -c -m64 -pipe -g0 -O2 -Wall -pipe -DNDEBUG -DBUILD_RELEASE -DNO_TIMING -I/usr/include/sord-0
-I/usr/include/serd-0 -I/usr/include/serd-0 -O2 -fPIC -Wall -W -D_REENTRANT -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3
-DHAVE_FFTW3F -DHAVE_SNDFILE -DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO
-DHAVE_LRDF -DHAVE_OGGZ -DHAVE_FISHSOUND -DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB
-DQT_SHARED -I/usr/share/qt4/mkspecs/linux-g++-64 -I. -I/usr/include/qt4/QtCore -I/usr/include/qt4 -ldataquay -lo -o
o/Transaction.o src/Transaction.cpp
g++ -c -m64 -pipe -g0 -O2 -Wall -pipe -DNDEBUG -DBUILD_RELEASE -DNO_TIMING -I/usr/include/sord-0
-I/usr/include/serd-0 -I/usr/include/serd-0 -O2 -fPIC -Wall -W -D_REENTRANT -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3
-DHAVE_FFTW3F -DHAVE_SNDFILE -DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO
-DHAVE_LRDF -DHAVE_OGGZ -DHAVE_FISHSOUND -DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB
-DQT_SHARED -I/usr/share/qt4/mkspecs/linux-g++-64 -I. -I/usr/include/qt4/QtCore -I/usr/include/qt4 -ldataquay -lo -o
o/TransactionalStore.o src/TransactionalStore.cpp
g++ -c -m64 -pipe -g0 -O2 -Wall -pipe -DNDEBUG -DBUILD_RELEASE -DNO_TIMING -I/usr/include/sord-0
-I/usr/include/serd-0 -I/usr/include/serd-0 -O2 -fPIC -Wall -W -D_REENTRANT -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3
-DHAVE_FFTW3F -DHAVE_SNDFILE -DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO
-DHAVE_LRDF -DHAVE_OGGZ -DHAVE_FISHSOUND -DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB
-DQT_SHARED -I/usr/share/qt4/mkspecs/linux-g++-64 -I. -I/usr/include/qt4/QtCore -I/usr/include/qt4 -ldataquay -lo -o o/Triple.o
src/Triple.cpp
g++ -c -m64 -pipe -g0 -O2 -Wall -pipe -DNDEBUG -DBUILD_RELEASE -DNO_TIMING -I/usr/include/sord-0
-I/usr/include/serd-0 -I/usr/include/serd-0 -O2 -fPIC -Wall -W -D_REENTRANT -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3
-DHAVE_FFTW3F -DHAVE_SNDFILE -DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO
-DHAVE_LRDF -DHAVE_OGGZ -DHAVE_FISHSOUND -DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB
-DQT_SHARED -I/usr/share/qt4/mkspecs/linux-g++-64 -I. -I/usr/include/qt4/QtCore -I/usr/include/qt4 -ldataquay -lo -o o/Uri.o
src/Uri.cpp
g++ -c -m64 -pipe -g0 -O2 -Wall -pipe -DNDEBUG -DBUILD_RELEASE -DNO_TIMING -I/usr/include/sord-0
-I/usr/include/serd-0 -I/usr/include/serd-0 -O2 -fPIC -Wall -W -D_REENTRANT -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3
-DHAVE_FFTW3F -DHAVE_SNDFILE -DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO
-DHAVE_LRDF -DHAVE_OGGZ -DHAVE_FISHSOUND -DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB
-DQT_SHARED -I/usr/share/qt4/mkspecs/linux-g++-64 -I. -I/usr/include/qt4/QtCore -I/usr/include/qt4 -ldataquay -lo -o
o/BasicStoreRedland.o src/backend/BasicStoreRedland.cpp
g++ -c -m64 -pipe -g0 -O2 -Wall -pipe -DNDEBUG -DBUILD_RELEASE -DNO_TIMING -I/usr/include/sord-0
-I/usr/include/serd-0 -I/usr/include/serd-0 -O2 -fPIC -Wall -W -D_REENTRANT -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3
-DHAVE_FFTW3F -DHAVE_SNDFILE -DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO
-DHAVE_LRDF -DHAVE_OGGZ -DHAVE_FISHSOUND -DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB
-DQT_SHARED -I/usr/share/qt4/mkspecs/linux-g++-64 -I. -I/usr/include/qt4/QtCore -I/usr/include/qt4 -ldataquay -lo -o
o/BasicStoreSord.o src/backend/BasicStoreSord.cpp
g++ -c -m64 -pipe -g0 -O2 -Wall -pipe -DNDEBUG -DBUILD_RELEASE -DNO_TIMING -I/usr/include/sord-0
-I/usr/include/serd-0 -I/usr/include/serd-0 -O2 -fPIC -Wall -W -D_REENTRANT -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3
-DHAVE_FFTW3F -DHAVE_SNDFILE -DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO
-DHAVE_LRDF -DHAVE_OGGZ -DHAVE_FISHSOUND -DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB
-DQT_SHARED -I/usr/share/qt4/mkspecs/linux-g++-64 -I. -I/usr/include/qt4/QtCore -I/usr/include/qt4 -ldataquay -lo -o
o/define-check.o src/backend/define-check.cpp
g++ -c -m64 -pipe -g0 -O2 -Wall -pipe -DNDEBUG -DBUILD_RELEASE -DNO_TIMING -I/usr/include/sord-0
-I/usr/include/serd-0 -I/usr/include/serd-0 -O2 -fPIC -Wall -W -D_REENTRANT -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3
-DHAVE_FFTW3F -DHAVE_SNDFILE -DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO
-DHAVE_LRDF -DHAVE_OGGZ -DHAVE_FISHSOUND -DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB

```

-DQT_SHARED -l/usr/share/qt4/mkspecs/linux-g++-64 -l. -l/usr/include/qt4/QtCore -l/usr/include/qt4 -ldataquay -lo -o
o/ContainerBuilder.o src/objectmapper/ContainerBuilder.cpp
g++ -c -m64 -pipe -g0 -O2 -Wall -pipe -DNDEBUG -DBUILD_RELEASE -DNO_TIMING -l/usr/include/sord-0
-l/usr/include/serd-0 -l/usr/include/serd-0 -O2 -fPIC -Wall -W -D_REENTRANT -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3
-DHAVE_FFTW3F -DHAVE_SNDFILE -DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO
-DHAVE_LRDF -DHAVE_OGGZ -DHAVE_FISHSOUND -DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB
-DQT_SHARED -l/usr/share/qt4/mkspecs/linux-g++-64 -l. -l/usr/include/qt4/QtCore -l/usr/include/qt4 -ldataquay -lo -o
o/ObjectBuilder.o src/objectmapper/ObjectBuilder.cpp
g++ -c -m64 -pipe -g0 -O2 -Wall -pipe -DNDEBUG -DBUILD_RELEASE -DNO_TIMING -l/usr/include/sord-0
-l/usr/include/serd-0 -l/usr/include/serd-0 -O2 -fPIC -Wall -W -D_REENTRANT -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3
-DHAVE_FFTW3F -DHAVE_SNDFILE -DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO
-DHAVE_LRDF -DHAVE_OGGZ -DHAVE_FISHSOUND -DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB
-DQT_SHARED -l/usr/share/qt4/mkspecs/linux-g++-64 -l. -l/usr/include/qt4/QtCore -l/usr/include/qt4 -ldataquay -lo -o
o/ObjectLoader.o src/objectmapper/ObjectLoader.cpp
g++ -c -m64 -pipe -g0 -O2 -Wall -pipe -DNDEBUG -DBUILD_RELEASE -DNO_TIMING -l/usr/include/sord-0
-l/usr/include/serd-0 -l/usr/include/serd-0 -O2 -fPIC -Wall -W -D_REENTRANT -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3
-DHAVE_FFTW3F -DHAVE_SNDFILE -DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO
-DHAVE_LRDF -DHAVE_OGGZ -DHAVE_FISHSOUND -DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB
-DQT_SHARED -l/usr/share/qt4/mkspecs/linux-g++-64 -l. -l/usr/include/qt4/QtCore -l/usr/include/qt4 -ldataquay -lo -o
o/ObjectMapper.o src/objectmapper/ObjectMapper.cpp
g++ -c -m64 -pipe -g0 -O2 -Wall -pipe -DNDEBUG -DBUILD_RELEASE -DNO_TIMING -l/usr/include/sord-0
-l/usr/include/serd-0 -l/usr/include/serd-0 -O2 -fPIC -Wall -W -D_REENTRANT -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3
-DHAVE_FFTW3F -DHAVE_SNDFILE -DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO
-DHAVE_LRDF -DHAVE_OGGZ -DHAVE_FISHSOUND -DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB
-DQT_SHARED -l/usr/share/qt4/mkspecs/linux-g++-64 -l. -l/usr/include/qt4/QtCore -l/usr/include/qt4 -ldataquay -lo -o
o/ObjectMapperForwarder.o src/objectmapper/ObjectMapperForwarder.cpp
g++ -c -m64 -pipe -g0 -O2 -Wall -pipe -DNDEBUG -DBUILD_RELEASE -DNO_TIMING -l/usr/include/sord-0
-l/usr/include/serd-0 -l/usr/include/serd-0 -O2 -fPIC -Wall -W -D_REENTRANT -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3
-DHAVE_FFTW3F -DHAVE_SNDFILE -DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO
-DHAVE_LRDF -DHAVE_OGGZ -DHAVE_FISHSOUND -DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB
-DQT_SHARED -l/usr/share/qt4/mkspecs/linux-g++-64 -l. -l/usr/include/qt4/QtCore -l/usr/include/qt4 -ldataquay -lo -o
o/ObjectStorer.o src/objectmapper/ObjectStorer.cpp
g++ -c -m64 -pipe -g0 -O2 -Wall -pipe -DNDEBUG -DBUILD_RELEASE -DNO_TIMING -l/usr/include/sord-0
-l/usr/include/serd-0 -l/usr/include/serd-0 -O2 -fPIC -Wall -W -D_REENTRANT -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3
-DHAVE_FFTW3F -DHAVE_SNDFILE -DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO
-DHAVE_LRDF -DHAVE_OGGZ -DHAVE_FISHSOUND -DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB
-DQT_SHARED -l/usr/share/qt4/mkspecs/linux-g++-64 -l. -l/usr/include/qt4/QtCore -l/usr/include/qt4 -ldataquay -lo -o
o/TypeMapping.o src/objectmapper/TypeMapping.cpp
gcc -c -m64 -pipe -g -O2 -O2 -fPIC -Wall -W -D_REENTRANT -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3 -DHAVE_FFTW3F
-DHAVE_SNDFILE -DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO -DHAVE_LRDF
-DHAVE_OGGZ -DHAVE_FISHSOUND -DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB -DQT_SHARED
-l/usr/share/qt4/mkspecs/linux-g++-64 -l. -l/usr/include/qt4/QtCore -l/usr/include/qt4 -ldataquay -lo -o o/acsymbols.o
src/acsymbols.c
/usr/lib/x86_64-linux-gnu/qt4/bin/moc -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3 -DHAVE_FFTW3F -DHAVE_SNDFILE
-DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO -DHAVE_LRDF -DHAVE_OGGZ
-DHAVE_FISHSOUND -DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB -DQT_SHARED
-l/usr/share/qt4/mkspecs/linux-g++-64 -l. -l/usr/include/qt4/QtCore -l/usr/include/qt4 -ldataquay -lo dataquay/Connection.h -o
o/moc_Connection.cpp
g++ -c -m64 -pipe -g0 -O2 -Wall -pipe -DNDEBUG -DBUILD_RELEASE -DNO_TIMING -l/usr/include/sord-0
-l/usr/include/serd-0 -l/usr/include/serd-0 -O2 -fPIC -Wall -W -D_REENTRANT -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3
-DHAVE_FFTW3F -DHAVE_SNDFILE -DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO
-DHAVE_LRDF -DHAVE_OGGZ -DHAVE_FISHSOUND -DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB
-DQT_SHARED -l/usr/share/qt4/mkspecs/linux-g++-64 -l. -l/usr/include/qt4/QtCore -l/usr/include/qt4 -ldataquay -lo -o

```

```

o/moc_Connection.o o/moc_Connection.cpp
/usr/lib/x86_64-linux-gnu/qt4/bin/moc -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3 -DHAVE_FFTW3F -DHAVE_SNDFILE
-DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO -DHAVE_LRDF -DHAVE_OGGZ
-DHAVE_FISHSOUND -DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB -DQT_SHARED
-l/usr/share/qt4/mkspecs/linux-g++-64 -l. -l/usr/include/qt4/QtCore -l/usr/include/qt4 -ldataquay -lo
dataquay/TransactionalStore.h -o o/moc_TransactionalStore.cpp
g++ -c -m64 -pipe -g0 -O2 -Wall -pipe -DNDEBUG -DBUILD_RELEASE -DNO_TIMING -l/usr/include/sord-0
-l/usr/include/serd-0 -l/usr/include/serd-0 -O2 -fPIC -Wall -W -D_REENTRANT -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3
-DHAVE_FFTW3F -DHAVE_SNDFILE -DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO
-DHAVE_LRDF -DHAVE_OGGZ -DHAVE_FISHSOUND -DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB
-DQT_SHARED -l/usr/share/qt4/mkspecs/linux-g++-64 -l. -l/usr/include/qt4/QtCore -l/usr/include/qt4 -ldataquay -lo -o
o/moc_TransactionalStore.o o/moc_TransactionalStore.cpp
/usr/lib/x86_64-linux-gnu/qt4/bin/moc -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3 -DHAVE_FFTW3F -DHAVE_SNDFILE
-DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO -DHAVE_LRDF -DHAVE_OGGZ
-DHAVE_FISHSOUND -DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB -DQT_SHARED
-l/usr/share/qt4/mkspecs/linux-g++-64 -l. -l/usr/include/qt4/QtCore -l/usr/include/qt4 -ldataquay -lo
dataquay/objectmapper/ObjectMapper.h -o o/moc_ObjectMapper.cpp
g++ -c -m64 -pipe -g0 -O2 -Wall -pipe -DNDEBUG -DBUILD_RELEASE -DNO_TIMING -l/usr/include/sord-0
-l/usr/include/serd-0 -l/usr/include/serd-0 -O2 -fPIC -Wall -W -D_REENTRANT -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3
-DHAVE_FFTW3F -DHAVE_SNDFILE -DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO
-DHAVE_LRDF -DHAVE_OGGZ -DHAVE_FISHSOUND -DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB
-DQT_SHARED -l/usr/share/qt4/mkspecs/linux-g++-64 -l. -l/usr/include/qt4/QtCore -l/usr/include/qt4 -ldataquay -lo -o
o/moc_ObjectMapper.o o/moc_ObjectMapper.cpp
/usr/lib/x86_64-linux-gnu/qt4/bin/moc -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3 -DHAVE_FFTW3F -DHAVE_SNDFILE
-DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO -DHAVE_LRDF -DHAVE_OGGZ
-DHAVE_FISHSOUND -DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB -DQT_SHARED
-l/usr/share/qt4/mkspecs/linux-g++-64 -l. -l/usr/include/qt4/QtCore -l/usr/include/qt4 -ldataquay -lo
dataquay/objectmapper/ObjectMapperForwarder.h -o o/moc_ObjectMapperForwarder.cpp
g++ -c -m64 -pipe -g0 -O2 -Wall -pipe -DNDEBUG -DBUILD_RELEASE -DNO_TIMING -l/usr/include/sord-0
-l/usr/include/serd-0 -l/usr/include/serd-0 -O2 -fPIC -Wall -W -D_REENTRANT -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3
-DHAVE_FFTW3F -DHAVE_SNDFILE -DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO
-DHAVE_LRDF -DHAVE_OGGZ -DHAVE_FISHSOUND -DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB
-DQT_SHARED -l/usr/share/qt4/mkspecs/linux-g++-64 -l. -l/usr/include/qt4/QtCore -l/usr/include/qt4 -ldataquay -lo -o
o/moc_ObjectMapperForwarder.o o/moc_ObjectMapperForwarder.cpp
rm -f libdataquay.a
ar cqs libdataquay.a o/Connection.o o/Node.o o/PropertyObject.o o/RDFException.o o/Store.o o/Transaction.o
o/TransactionalStore.o o/Triple.o o/Uri.o o/BasicStoreRedland.o o/BasicStoreSord.o o/define-check.o o/ContainerBuilder.o
o/ObjectBuilder.o o/ObjectLoader.o o/ObjectMapper.o o/ObjectMapperForwarder.o o/ObjectStorer.o o/TypeMapping.o
o/acsymbols.o o/moc_Connection.o o/moc_TransactionalStore.o o/moc_ObjectMapper.o o/moc_ObjectMapperForwarder.o
make[1]: Leaving directory '/home/echo66/tese/features-extractors/sonic-annotator-1.3/dataquay'
cd svcore/ && make -f Makefile
make[1]: Entering directory '/home/echo66/tese/features-extractors/sonic-annotator-1.3/svcore'
g++ -c -m64 -pipe -Wall -Wextra -Woverloaded-virtual -Wformat-nonliteral -Wformat-security -Winit-self -Wswitch-enum
-Wconversion -pipe -g0 -O2 -DNDEBUG -DBUILD_RELEASE -DNO_TIMING -l/usr/local/include -l/usr/local/include -O2 -Wall
-W -D_REENTRANT -fPIC -DHAVE_BZ2 -DHAVE_FFTW3 -DHAVE_FFTW3F -DHAVE_SNDFILE -DHAVE_SAMPLERATE
-DHAVE_VAMP -DHAVE_VAMPHOSTSDK -DHAVE_LIBLO -DHAVE_JACK -DHAVE_LRDF -DHAVE_OGGZ
-DHAVE_FISHSOUND -DHAVE_MAD -DHAVE_DATAQUAY -D_LINUX_ALSASEQ__ -DQT_NO_DEBUG -DQT_XML_LIB
-DQT_NETWORK_LIB -DQT_CORE_LIB -DQT_SHARED -l/usr/share/qt4/mkspecs/linux-g++-64 -l. -l/usr/include/qt4/QtCore
-l/usr/include/qt4/QtNetwork -l/usr/include/qt4/QtXml -l/usr/include/qt4 -l. -ldata -lplugin -lplugin/api/alsa -l./dataquay -lo -o
o/AudioLevel.o base/AudioLevel.cpp
In file included from /usr/include/c++/5/cstdint:35:0,
    from ./base/BaseTypes.h:18,
    from ./base/RealTime.h:24,

```

```
from ./base/Debug.h:22,  
from ./system/System.h:19,  
from base/AudioLevel.cpp:27:  
/usr/include/c++/5/bits/c++0x_warning.h:32:2: error: #error This file requires compiler and library support for the ISO C++ 2011  
standard. This support is currently experimental, and must be enabled with the -std=c++11 or -std=gnu++11 compiler options.  
#error This file requires compiler and library support for the \  
^  
Makefile:1085: recipe for target 'o/AudioLevel.o' failed  
make[1]: *** [o/AudioLevel.o] Error 1  
make[1]: Leaving directory '/home/echo66/tese/features-extractors/sonic-annotator-1.3/svcore'  
Makefile:64: recipe for target 'sub-svcore-make_default' failed  
make: *** [sub-svcore-make_default] Error 2
```

History

#1 - 2016-01-29 05:22 PM - Chris Cannam

I think the warning near the top is pertinent -- you don't appear to have Qt5 installed (only Qt4) and Sonic Annotator needs Qt5.

(It will continue and try to build even if it can't find qmake-qt5, because on some systems the binary simply called qmake comes from Qt5.)

The reason this causes the error you're seeing at the end is that Qt4 does not know about the "c++11" flag used in the qmake scripts, so it isn't supplying the right options to the C++ compiler. That makes it fail straight away, but even with the right options I think it would fail later on, because the code does actually have Qt5 dependencies in it.

#2 - 2016-01-29 06:20 PM - Bruno Dias

Thanks for the quick answer, Chris.

I have qt5-qmake installed.

#3 - 2016-01-29 06:31 PM - Chris Cannam

Is it actually called qt5-qmake?

(Because the configure script is looking for qmake-qt5, and doesn't appear to be finding it...)

#4 - 2016-01-29 06:33 PM - Bruno Dias

yup, qt5-qmake. :P

#5 - 2016-01-29 06:49 PM - Chris Cannam

How annoying! For the time being you could try

```
$ QMAKE=qt5-qmake ./configure
```


I'd better fix this in the configuration logic though. Thanks for the notification.

#6 - 2016-01-29 07:37 PM - Bruno Dias

```
$ QMAKE=qt5-qmake && ./configure
checking for gcc... gcc
checking whether the C compiler works... yes
checking for C compiler default output file name... a.out
checking for suffix of executables...
checking whether we are cross compiling... no
checking for suffix of object files... o
checking whether we are using the GNU C compiler... yes
checking whether gcc accepts -g... yes
checking for gcc option to accept ISO C89... none needed
checking for g++... g++
checking whether we are using the GNU C++ compiler... yes
checking whether g++ accepts -g... yes
checking for a BSD-compatible install... /usr/bin/install -c
checking for a thread-safe mkdir -p... /bin/mkdir -p
checking how to run the C++ preprocessor... g++ -E
checking for grep that handles long lines and -e... /bin/grep
checking for egrep... /bin/grep -E
checking for ANSI C header files... yes
checking for pkg-config... /usr/bin/pkg-config
checking pkg-config is at least version 0.9.0... yes
checking for qmake-qt5... no
checking for qmake... no
checking for qmake.exe... no
checking for qt5-qmake... no
checking for qmake... qmake
checking for sys/types.h... yes
checking for sys/stat.h... yes
checking for stdlib.h... yes
checking for string.h... yes
checking for memory.h... yes
checking for strings.h... yes
checking for inttypes.h... yes
checking for stdint.h... yes
checking for unistd.h... yes
checking for bz2... no
configure: Failed to find required module bz2 using pkg-config, trying again by old-fashioned means
checking bzlib.h usability... yes
checking bzlib.h presence... yes
checking for bzlib.h... yes
checking for BZ2_bzReadOpen in -lbz2... yes
checking for fftw3... yes
checking for fftw3f... yes
checking for sndfile... yes
checking for samplerate... yes
checking for sord... yes
checking for serd... yes
checking for liblo... yes
```

checking for lrd... yes
checking for oggz... yes
checking for fishsound... yes
checking for mad... yes
checking for id3tag... no
configure: Failed to find optional module id3tag using pkg-config, trying again by old-fashioned means
checking id3tag.h usability... no
checking id3tag.h presence... no
checking for id3tag.h... no
configure: Failed to find header id3tag.h for optional module id3tag
configure: creating ./config.status
config.status: creating config.pri
=== configuring in svcore (/home/echo66/tese/features-extractors/sonic-annotator-1.3/svcore)
configure: running /bin/bash ./configure --disable-option-checking '--prefix=/usr/local' --cache-file=/dev/null --srcdir=.
checking for gcc... gcc
checking whether the C compiler works... yes
checking for C compiler default output file name... a.out
checking for suffix of executables...
checking whether we are cross compiling... no
checking for suffix of object files... o
checking whether we are using the GNU C compiler... yes
checking whether gcc accepts -g... yes
checking for gcc option to accept ISO C89... none needed
checking for g++... g++
checking whether we are using the GNU C++ compiler... yes
checking whether g++ accepts -g... yes
checking for a BSD-compatible install... /usr/bin/install -c
checking for a thread-safe mkdir -p... /bin/mkdir -p
checking whether g++ supports C++11 features by default... no
checking whether g++ supports C++11 features with -std=c++11... yes
checking how to run the C++ preprocessor... g++ -E
checking for grep that handles long lines and -e... /bin/grep
checking for egrep... /bin/grep -E
checking for ANSI C header files... yes
checking for pkg-config... /usr/bin/pkg-config
checking pkg-config is at least version 0.9.0... yes
checking for qmake-qt5... no
checking for qmake... no
checking for qmake.exe... no
checking for qmake-qt5... no
checking for qmake... qmake
checking for sys/types.h... yes
checking for sys/stat.h... yes
checking for stdlib.h... yes
checking for string.h... yes
checking for memory.h... yes
checking for strings.h... yes
checking for inttypes.h... yes
checking for stdint.h... yes
checking for unistd.h... yes
checking for bz2... no
configure: Failed to find required module bz2 using pkg-config, trying again by old-fashioned means
checking bzlib.h usability... yes

checking bzlib.h presence... yes
checking for bzlib.h... yes
checking for BZ2_bzReadOpen in -lbz2... yes
checking for fftw3... yes
checking for fftw3f... yes
checking for sndfile... yes
checking for samplerate... yes
checking for vamp... yes
checking for vamphostsdk... yes
checking for liblo... yes
checking for portaudio_2_0... no
configure: Failed to find optional module portaudio_2_0 using pkg-config, trying again by old-fashioned means
checking portaudio.h usability... no
checking portaudio.h presence... no
checking for portaudio.h... no
configure: Failed to find header portaudio.h for optional module portaudio_2_0
checking for JACK... yes
checking for libpulse... no
configure: Failed to find optional module libpulse using pkg-config, trying again by old-fashioned means
checking pulse/pulseaudio.h usability... no
checking pulse/pulseaudio.h presence... no
checking for pulse/pulseaudio.h... no
configure: Failed to find header pulse/pulseaudio.h for optional module libpulse
checking for lrdp... yes
checking for oggz... yes
checking for fishsound... yes
checking for mad... yes
checking for id3tag... no
configure: Failed to find optional module id3tag using pkg-config, trying again by old-fashioned means
checking id3tag.h usability... no
checking id3tag.h presence... no
checking for id3tag.h... no
configure: Failed to find header id3tag.h for optional module id3tag
configure: creating ./config.status
config.status: creating config.pri
configure:

Configuration complete.

Please check the above messages for any warnings that you might care about, and then run "make".

The file config.pri contains the configuration settings for qmake. If you want to adjust these by hand, edit config.pri and run "qmake -r" again to regenerate the Makefile.

Reading /home/echo66/tese/features-extractors/sonic-annotator-1.3/dataquay/lib.pro
Reading /home/echo66/tese/features-extractors/sonic-annotator-1.3/svcore/svcore.pro
Reading /home/echo66/tese/features-extractors/sonic-annotator-1.3/runner.pro
Reading /home/echo66/tese/features-extractors/sonic-annotator-1.3/svcore/data/fileio/test/test.pro
configure:

Configuration complete.

Please check the above messages for any warnings that you

might care about, and then run "make".

The file config.pri contains the configuration settings for qmake. If you want to adjust these by hand, edit config.pri and run "qmake -r" again to regenerate the Makefile.

Wasn't it suppose for qt5 checkings to be marked with a 'yes'?

Also, the Qt versions in my system are:

```
$ qtchooser -list-versions
4
5
default
qt4-x86_64-linux-gnu
qt4
qt5-x86_64-linux-gnu
qt5
```

And the active one is:

```
$ qmake -v
QMake version 3.0
Using Qt version 5.4.2 in /usr/lib/x86_64-linux-gnu
```

When I execute the make command, this is the output:

```
$ make
cd dataquay/ && ( test -e Makefile.lib || /usr/lib/x86_64-linux-gnu/qt5/bin/qmake
/home/echo66/tese/features-extractors/sonic-annotator-1.3/dataquay/lib.pro -o Makefile.lib ) && make -f Makefile.lib
make[1]: Entering directory '/home/echo66/tese/features-extractors/sonic-annotator-1.3/dataquay'
g++ -c -m64 -pipe -g0 -O2 -Wall -pipe -DNDEBUG -DBUILD_RELEASE -DNO_TIMING -I/usr/include/sord-0 -I/usr/include/serd-0
-I/usr/include/serd-0 -O2 -fPIC -std=c++0x -Wall -W -D_REENTRANT -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3 -DHAVE_FFTW3F
-DHAVE_SNDFILE -DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO -DHAVE_LRDF -DHAVE_OGGZ
-DHAVE_FISHSOUND -DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB -I. -ldataquay -isystem
/usr/include/x86_64-linux-gnu/qt5 -isystem /usr/include/x86_64-linux-gnu/qt5/QtCore -lo -I/usr/lib/x86_64-linux-gnu/qt5/mkspecs/linux-g++-64
-o o/Connection.o src/Connection.cpp
In file included from dataquay/Node.h:47:0,
    from dataquay/Triple.h:37,
    from dataquay/Store.h:37,
    from dataquay/Connection.h:37,
    from src/Connection.cpp:34:
dataquay/Uri.h:45:19: fatal error: QString: Ficheiro ou directoria inexistente
compilation terminated.
Makefile.lib:424: recipe for target 'o/Connection.o' failed
make[1]: *** [o/Connection.o] Error 1
make[1]: Leaving directory '/home/echo66/tese/features-extractors/sonic-annotator-1.3/dataquay'
Makefile:45: recipe for target 'sub-dataquay-lib-pro-make_first' failed
```

make: *** [sub-dataquay-lib-pro-make_first] Error 2

#7 - 2016-01-29 09:49 PM - Chris Cannam

I think this has to do with the difference between

```
$ QMAKE=qt5-qmake && ./configure
```

and

```
$ QMAKE=qt5-qmake ./configure
```

The first of these defines the QMAKE variable and then runs configure as a subprocess without exporting the variable to it -- it just remains defined in the parent shell environment.

The second does something quite different, it defines the QMAKE variable only within the export scope of the configure command. That means the variable is defined only for the configure subprocess, reverting to its previous value for subsequent commands in the shell. This is the syntax I was suggesting.

An alternative would be to define the variable as you did, but also use the export keyword to get its value exported to subprocesses.

#8 - 2016-01-30 04:01 PM - Bruno Dias

If I do as you told me:

```
$ QMAKE=qt5-qmake ./configure
checking for gcc... gcc
checking whether the C compiler works... yes
checking for C compiler default output file name... a.out
checking for suffix of executables...
checking whether we are cross compiling... no
checking for suffix of object files... o
checking whether we are using the GNU C compiler... yes
checking whether gcc accepts -g... yes
checking for gcc option to accept ISO C89... none needed
checking for g++... g++
checking whether we are using the GNU C++ compiler... yes
checking whether g++ accepts -g... yes
checking for a BSD-compatible install... /usr/bin/install -c
checking for a thread-safe mkdir -p... /bin/mkdir -p
checking how to run the C++ preprocessor... g++ -E
checking for grep that handles long lines and -e... /bin/grep
checking for egrep... /bin/grep -E
checking for ANSI C header files... yes
checking for pkg-config... /usr/bin/pkg-config
checking pkg-config is at least version 0.9.0... yes
./configure: line 4132: qt5-qmake: command not found
```

configure: WARNING:

*** The version of qmake found in "qt5-qmake" looks like it might be from the wrong version of Qt (Qt5 is required). Please check that this is the correct version of qmake for Qt5 builds.

checking for sys/types.h... yes

checking for sys/stat.h... yes

checking for stdlib.h... yes

checking for string.h... yes

checking for memory.h... yes

checking for strings.h... yes

checking for inttypes.h... yes

checking for stdint.h... yes

checking forunistd.h... yes

checking for bz2... no

configure: Failed to find required module bz2 using pkg-config, trying again by old-fashioned means

checking bzlib.h usability... yes

checking bzlib.h presence... yes

checking for bzlib.h... yes

checking for BZ2_bzReadOpen in -lbz2... yes

checking for fftw3... yes

checking for fftw3f... yes

checking for sndfile... yes

checking for samplerate... yes

checking for sord... yes

checking for serd... yes

checking for liblo... yes

checking for lrdf... yes

checking for oggz... yes

checking for fishsound... yes

checking for mad... yes

checking for id3tag... no

configure: Failed to find optional module id3tag using pkg-config, trying again by old-fashioned means

checking id3tag.h usability... no

checking id3tag.h presence... no

checking for id3tag.h... no

configure: Failed to find header id3tag.h for optional module id3tag

configure: creating ./config.status

config.status: creating config.pri

=== configuring in svcore (/home/echo66/tese/features-extractors/sonic-annotator-1.3/svcore)

configure: running /bin/bash ./configure --disable-option-checking '--prefix=/usr/local' --cache-file=/dev/null --srcdir=.

checking for gcc... gcc

checking whether the C compiler works... yes

checking for C compiler default output file name... a.out

checking for suffix of executables...

checking whether we are cross compiling... no

checking for suffix of object files... o

checking whether we are using the GNU C compiler... yes

checking whether gcc accepts -g... yes

checking for gcc option to accept ISO C89... none needed

checking for g++... g++

checking whether we are using the GNU C++ compiler... yes

checking whether g++ accepts -g... yes

```
checking for a BSD-compatible install... /usr/bin/install -c
checking for a thread-safe mkdir -p... /bin/mkdir -p
checking whether g++ supports C++11 features by default... no
checking whether g++ supports C++11 features with -std=c++11... yes
checking how to run the C++ preprocessor... g++ -E
checking for grep that handles long lines and -e... /bin/grep
checking for egrep... /bin/grep -E
checking for ANSI C header files... yes
checking for pkg-config... /usr/bin/pkg-config
checking pkg-config is at least version 0.9.0... yes
./configure: line 4303: qt5-qmake: command not found
configure: WARNING:
*** The version of qmake found in "qt5-qmake" looks like it might be
    from the wrong version of Qt (Qt5 is required). Please check
    that this is the correct version of qmake for Qt5 builds.

checking for sys/types.h... yes
checking for sys/stat.h... yes
checking for stdlib.h... yes
checking for string.h... yes
checking for memory.h... yes
checking for strings.h... yes
checking for inttypes.h... yes
checking for stdint.h... yes
checking forunistd.h... yes
checking for bz2... no
configure: Failed to find required module bz2 using pkg-config, trying again by old-fashioned means
checking bzlib.h usability... yes
checking bzlib.h presence... yes
checking for bzlib.h... yes
checking for BZ2_bzReadOpen in -lbz2... yes
checking for fftw3... yes
checking for fftw3f... yes
checking for sndfile... yes
checking for samplerate... yes
checking for vamp... yes
checking for vamphostsdk... yes
checking for liblo... yes
checking for portaudio_2_0... no
configure: Failed to find optional module portaudio_2_0 using pkg-config, trying again by old-fashioned means
checking portaudio.h usability... no
checking portaudio.h presence... no
checking for portaudio.h... no
configure: Failed to find header portaudio.h for optional module portaudio_2_0
checking for JACK... yes
checking for libpulse... no
configure: Failed to find optional module libpulse using pkg-config, trying again by old-fashioned means
checking pulse/pulseaudio.h usability... no
checking pulse/pulseaudio.h presence... no
checking for pulse/pulseaudio.h... no
configure: Failed to find header pulse/pulseaudio.h for optional module libpulse
checking for lrd... yes
checking for ogg... yes
```

```
checking for fishsound... yes
checking for mad... yes
checking for id3tag... no
configure: Failed to find optional module id3tag using pkg-config, trying again by old-fashioned means
checking id3tag.h usability... no
checking id3tag.h presence... no
checking for id3tag.h... no
configure: Failed to find header id3tag.h for optional module id3tag
configure: creating ./config.status
config.status: creating config.pri
./configure: line 8030: qt5-qmake: command not found
configure: error: qmake failed: Command was "qt5-qmake -r"
configure: error: ./configure failed for svcore
```

#9 - 2016-01-30 04:16 PM - Bruno Dias

If I use qmake instead of qt5-qmake:

```
$ QMAKE=qmake ./configure
checking for gcc... gcc
checking whether the C compiler works... yes
checking for C compiler default output file name... a.out
checking for suffix of executables...
checking whether we are cross compiling... no
checking for suffix of object files... o
checking whether we are using the GNU C compiler... yes
checking whether gcc accepts -g... yes
checking for gcc option to accept ISO C89... none needed
checking for g++... g++
checking whether we are using the GNU C++ compiler... yes
checking whether g++ accepts -g... yes
checking for a BSD-compatible install... /usr/bin/install -c
checking for a thread-safe mkdir -p... /bin/mkdir -p
checking how to run the C++ preprocessor... g++ -E
checking for grep that handles long lines and -e... /bin/grep
checking for egrep... /bin/grep -E
checking for ANSI C header files... yes
checking for pkg-config... /usr/bin/pkg-config
checking pkg-config is at least version 0.9.0... yes
configure: WARNING:
*** The version of qmake found in "qmake" looks like it might be
    from the wrong version of Qt (Qt5 is required). Please check
    that this is the correct version of qmake for Qt5 builds.

checking for sys/types.h... yes
checking for sys/stat.h... yes
checking for stdlib.h... yes
checking for string.h... yes
checking for memory.h... yes
checking for strings.h... yes
checking for inttypes.h... yes
```


checking for stdint.h... yes
checking for unistd.h... yes
checking for bz2... no
configure: Failed to find required module bz2 using pkg-config, trying again by old-fashioned means
checking bzlib.h usability... yes
checking bzlib.h presence... yes
checking for bzlib.h... yes
checking for BZ2_bzReadOpen in -lbz2... yes
checking for fftw3... yes
checking for fftw3f... yes
checking for sndfile... yes
checking for samplerate... yes
checking for sord... yes
checking for serd... yes
checking for liblo... yes
checking for lrdf... yes
checking for oggz... yes
checking for fishsound... yes
checking for mad... yes
checking for id3tag... no
configure: Failed to find optional module id3tag using pkg-config, trying again by old-fashioned means
checking id3tag.h usability... no
checking id3tag.h presence... no
checking for id3tag.h... no
configure: Failed to find header id3tag.h for optional module id3tag
configure: creating ./config.status
config.status: creating config.pri
=== configuring in svcore (/home/echo66/tese/features-extractors/sonic-annotator-1.3/svcore)
configure: running /bin/bash ./configure --disable-option-checking '--prefix=/usr/local' --cache-file=/dev/null --srcdir=.
checking for gcc... gcc
checking whether the C compiler works... yes
checking for C compiler default output file name... a.out
checking for suffix of executables...
checking whether we are cross compiling... no
checking for suffix of object files... o
checking whether we are using the GNU C compiler... yes
checking whether gcc accepts -g... yes
checking for gcc option to accept ISO C89... none needed
checking for g++... g++
checking whether we are using the GNU C++ compiler... yes
checking whether g++ accepts -g... yes
checking for a BSD-compatible install... /usr/bin/install -c
checking for a thread-safe mkdir -p... /bin/mkdir -p
checking whether g++ supports C++11 features by default... no
checking whether g++ supports C++11 features with -std=c++11... yes
checking how to run the C++ preprocessor... g++ -E
checking for grep that handles long lines and -e... /bin/grep
checking for egrep... /bin/grep -E
checking for ANSI C header files... yes
checking for pkg-config... /usr/bin/pkg-config
checking pkg-config is at least version 0.9.0... yes
configure: WARNING:
*** The version of qmake found in "qmake" looks like it might be

from the wrong version of Qt (Qt5 is required). Please check that this is the correct version of qmake for Qt5 builds.

```
checking for sys/types.h... yes
checking for sys/stat.h... yes
checking for stdlib.h... yes
checking for string.h... yes
checking for memory.h... yes
checking for strings.h... yes
checking for inttypes.h... yes
checking for stdint.h... yes
checking for unistd.h... yes
checking for bz2... no
configure: Failed to find required module bz2 using pkg-config, trying again by old-fashioned means
checking bzlib.h usability... yes
checking bzlib.h presence... yes
checking for bzlib.h... yes
checking for BZ2_bzReadOpen in -lbz2... yes
checking for fftw3... yes
checking for fftw3f... yes
checking for sndfile... yes
checking for samplerate... yes
checking for vamp... yes
checking for vamphostsdk... yes
checking for liblo... yes
checking for portaudio_2_0... no
configure: Failed to find optional module portaudio_2_0 using pkg-config, trying again by old-fashioned means
checking portaudio.h usability... no
checking portaudio.h presence... no
checking for portaudio.h... no
configure: Failed to find header portaudio.h for optional module portaudio_2_0
checking for JACK... yes
checking for libpulse... no
configure: Failed to find optional module libpulse using pkg-config, trying again by old-fashioned means
checking pulse/pulseaudio.h usability... no
checking pulse/pulseaudio.h presence... no
checking for pulse/pulseaudio.h... no
configure: Failed to find header pulse/pulseaudio.h for optional module libpulse
checking for lrdf... yes
checking for oggz... yes
checking for fishsound... yes
checking for mad... yes
checking for id3tag... no
configure: Failed to find optional module id3tag using pkg-config, trying again by old-fashioned means
checking id3tag.h usability... no
checking id3tag.h presence... no
checking for id3tag.h... no
configure: Failed to find header id3tag.h for optional module id3tag
configure: creating ./config.status
config.status: creating config.pri
configure:
```

Configuration complete.

Please check the above messages for any warnings that you might care about, and then run "make".

The file config.pri contains the configuration settings for qmake. If you want to adjust these by hand, edit config.pri and run "qmake -r" again to regenerate the Makefile.

```
Reading /home/echo66/tese/features-extractors/sonic-annotator-1.3/dataquay/lib.pro
Reading /home/echo66/tese/features-extractors/sonic-annotator-1.3/svcore/svcore.pro
Reading /home/echo66/tese/features-extractors/sonic-annotator-1.3/runner.pro
Reading /home/echo66/tese/features-extractors/sonic-annotator-1.3/svcore/data/fileio/test/test.pro
configure:
```

Configuration complete.

Please check the above messages for any warnings that you might care about, and then run "make".

The file config.pri contains the configuration settings for qmake. If you want to adjust these by hand, edit config.pri and run "qmake -r" again to regenerate the Makefile.

And then:

```
$ make
cd dataquay/ && make -f Makefile.lib
make[1]: Entering directory '/home/echo66/tese/features-extractors/sonic-annotator-1.3/dataquay'
g++ -c -m64 -pipe -g0 -O2 -Wall -pipe -DNDEBUG -DBUILD_RELEASE -DNO_TIMING -I/usr/include/sord-0 -I/usr/include/serd-0
-I/usr/include/serd-0 -O2 -fPIC -Wall -W -D_REENTRANT -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3 -DHAVE_FFTW3F -DHAVE_SNDFILE
-DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO -DHAVE_LRDF -DHAVE_OGGZ -DHAVE_FISHSOUND
-DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB -DQT_SHARED -I/usr/share/qt4/mkspecs/linux-g++-64 -I.
-I/usr/include/qt4/QtCore -I/usr/include/qt4 -ldataquay -lo -o o/Connection.o src/Connection.cpp
g++ -c -m64 -pipe -g0 -O2 -Wall -pipe -DNDEBUG -DBUILD_RELEASE -DNO_TIMING -I/usr/include/sord-0 -I/usr/include/serd-0
-I/usr/include/serd-0 -O2 -fPIC -Wall -W -D_REENTRANT -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3 -DHAVE_FFTW3F -DHAVE_SNDFILE
-DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO -DHAVE_LRDF -DHAVE_OGGZ -DHAVE_FISHSOUND
-DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB -DQT_SHARED -I/usr/share/qt4/mkspecs/linux-g++-64 -I.
-I/usr/include/qt4/QtCore -I/usr/include/qt4 -ldataquay -lo -o o/Node.o src/Node.cpp
g++ -c -m64 -pipe -g0 -O2 -Wall -pipe -DNDEBUG -DBUILD_RELEASE -DNO_TIMING -I/usr/include/sord-0 -I/usr/include/serd-0
-I/usr/include/serd-0 -O2 -fPIC -Wall -W -D_REENTRANT -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3 -DHAVE_FFTW3F -DHAVE_SNDFILE
-DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO -DHAVE_LRDF -DHAVE_OGGZ -DHAVE_FISHSOUND
-DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB -DQT_SHARED -I/usr/share/qt4/mkspecs/linux-g++-64 -I.
-I/usr/include/qt4/QtCore -I/usr/include/qt4 -ldataquay -lo -o o/PropertyObject.o src/PropertyObject.cpp
g++ -c -m64 -pipe -g0 -O2 -Wall -pipe -DNDEBUG -DBUILD_RELEASE -DNO_TIMING -I/usr/include/sord-0 -I/usr/include/serd-0
-I/usr/include/serd-0 -O2 -fPIC -Wall -W -D_REENTRANT -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3 -DHAVE_FFTW3F -DHAVE_SNDFILE
-DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO -DHAVE_LRDF -DHAVE_OGGZ -DHAVE_FISHSOUND
-DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB -DQT_SHARED -I/usr/share/qt4/mkspecs/linux-g++-64 -I.
-I/usr/include/qt4/QtCore -I/usr/include/qt4 -ldataquay -lo -o o/RDFException.o src/RDFException.cpp
g++ -c -m64 -pipe -g0 -O2 -Wall -pipe -DNDEBUG -DBUILD_RELEASE -DNO_TIMING -I/usr/include/sord-0 -I/usr/include/serd-0
-I/usr/include/serd-0 -O2 -fPIC -Wall -W -D_REENTRANT -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3 -DHAVE_FFTW3F -DHAVE_SNDFILE
-DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO -DHAVE_LRDF -DHAVE_OGGZ -DHAVE_FISHSOUND
-DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB -DQT_SHARED -I/usr/share/qt4/mkspecs/linux-g++-64 -I.
-I/usr/include/qt4/QtCore -I/usr/include/qt4 -ldataquay -lo -o o/Store.o src/Store.cpp
g++ -c -m64 -pipe -g0 -O2 -Wall -pipe -DNDEBUG -DBUILD_RELEASE -DNO_TIMING -I/usr/include/sord-0 -I/usr/include/serd-0
```



```

-l/usr/include/serd-0 -O2 -fPIC -Wall -W -D_REENTRANT -DNDEBUG -DHAVE_BZ2 -DHAVE_FFTW3 -DHAVE_FFTW3F -DHAVE_SNDFILE
-DHAVE_SAMPLERATE -DHAVE_SORD -DHAVE_SERD -DHAVE_LIBLO -DHAVE_LRDF -DHAVE_OGGZ -DHAVE_FISHSOUND
-DHAVE_MAD -DUSE_SORD -DQT_NO_DEBUG -DQT_CORE_LIB -DQT_SHARED -l/usr/share/qt4/mkspecs/linux-g++-64 -l.
-l/usr/include/qt4/QtCore -l/usr/include/qt4 -ldataquay -lo -o o/moc_ObjectMapperForwarder.o o/moc_ObjectMapperForwarder.cpp
rm -f libdataquay.a
ar cqs libdataquay.a o/Connection.o o/Node.o o/PropertyObject.o o/RDFException.o o/Store.o o/Transaction.o o/TransactionalStore.o
o/Triple.o o/Uri.o o/BasicStoreRedland.o o/BasicStoreSord.o o/define-check.o o/ContainerBuilder.o o/ObjectBuilder.o o/ObjectLoader.o
o/ObjectMapper.o o/ObjectMapperForwarder.o o/ObjectStorer.o o/TypeMapping.o o/acsymbols.o o/moc_Connection.o
o/moc_TransactionalStore.o o/moc_ObjectMapper.o o/moc_ObjectMapperForwarder.o
make[1]: Leaving directory '/home/echo66/tese/features-extractors/sonic-annotator-1.3/dataquay'
cd svcore/ && make -f Makefile
make[1]: Entering directory '/home/echo66/tese/features-extractors/sonic-annotator-1.3/svcore'
g++ -c -m64 -pipe -Wall -Wextra -Woverloaded-virtual -Wformat-nonliteral -Wformat-security -Winit-self -Wswitch-enum -Wconversion -pipe -g0
-O2 -DNDEBUG -DBUILD_RELEASE -DNO_TIMING -l/usr/local/include -l/usr/local/include -O2 -Wall -W -D_REENTRANT -fPIC
-DHAVE_BZ2 -DHAVE_FFTW3 -DHAVE_FFTW3F -DHAVE_SNDFILE -DHAVE_SAMPLERATE -DHAVE_VAMP -DHAVE_VAMPHOSTSDK
-DHAVE_LIBLO -DHAVE_JACK -DHAVE_LRDF -DHAVE_OGGZ -DHAVE_FISHSOUND -DHAVE_MAD -DHAVE_DATAQUAY
-D_LINUX_ALSASEQ__ -DQT_NO_DEBUG -DQT_XML_LIB -DQT_NETWORK_LIB -DQT_CORE_LIB -DQT_SHARED
-l/usr/share/qt4/mkspecs/linux-g++-64 -l. -l/usr/include/qt4/QtCore -l/usr/include/qt4/QtNetwork -l/usr/include/qt4/QtXml -l/usr/include/qt4 -l.
-ldata -lplugin -lplugin/api/alsa -l./dataquay -lo -o o/AudioLevel.o base/AudioLevel.cpp
In file included from /usr/include/c++/5/cstdint:35:0,
    from ./base/BaseTypes.h:18,
    from ./base/RealTime.h:24,
    from ./base/Debug.h:22,
    from ./system/System.h:19,
    from base/AudioLevel.cpp:27:
/usr/include/c++/5/bits/c++0x_warning.h:32:2: error: #error This file requires compiler and library support for the ISO C++ 2011 standard. This
support is currently experimental, and must be enabled with the -std=c++11 or -std=gnu++11 compiler options.
#error This file requires compiler and library support for the \
^
Makefile:1085: recipe for target 'o/AudioLevel.o' failed
make[1]: *** [o/AudioLevel.o] Error 1
make[1]: Leaving directory '/home/echo66/tese/features-extractors/sonic-annotator-1.3/svcore'
Makefile:64: recipe for target 'sub-svcore-make_default' failed
make: *** [sub-svcore-make_default] Error 2

```

#10 - 2016-01-30 04:57 PM - Chris Cannam

Hm, perhaps you need to give the full path?

```
$ QMAKE=/usr/bin/qt5-qmake ./configure
```

(or wherever it is that it lives)

?