

Monday, January 25. 2010

## Snow Leopard - Installing Amarok using MacPorts

This installation was performed on a MacbookPro Unibody in 64 bits mode.

Main issues:

### qt4-mac

qt4-mac-devel (better installed qt4-mac, not major problems reported)

If problems installing qt4-mac and kdelibs4 already installed do:

```
port -dv deactivate kdelibs4
```

To after it run:

```
port -dv activate kdelibs4
```

Another issues:

### liblastfm

<http://trac.macports.org/ticket/22924>

```
local
#warning "Support for this version of Mac OS X is still preliminary"
```

```
-c -pipe -fno-operator-names -pipe -O2 -arch x86_64 -l local
-fvisibility-inlines-hidden -fvisibility=hidden -arch x86_64 -Xarch_x86_64 -mmacosx-version-min=
-Wall -W -fPIC -DQT_NO_DEBUG -DQT_XML_LIB -DQT_NETWORK_LIB -DQT_CORE_LIB
-DQT_SHARED -l local local local local
local local local local
-o _build
```

```
file included from local
```

```
local
#warning "Support for this version of Mac OS X is still preliminary"
```

```
rm -f liblastfm.0.3.0.dylib liblastfm.dylib liblastfm.0.dylib liblastfm.0.3.dylib
```

```
local -arch x86_64 -arch -Xarch_x86_64
-macosx-version-min= -dynamiclib -compatibility_version 0.3 -current_version
0.3.0 -install_name liblastfm.0.dylib -o liblastfm.0.3.0.dylib _build
```

```
local local -framework
Carbon -framework CoreFoundation -framework QtXml -L local local
local -framework QtNetwork -framework SystemConfiguration -lssl -lcrypto
-framework QtCore -lz -lm -framework ApplicationServices
```

```
g++- arch name : -Xarch_x86_64
```

```
make[ ]: [..] Error
```

```
make: [__src] Error
```

```
command " cd " local
```

```
" && /usr/bin/make -j2 all " returned error
```

```
Error: Target org.macports.build returned: shell command failed
```

```
DEBUG: Backtrace: shell command failed
```

```
"command_exec build"
```

```
(procedure "portbuild::build_main" line )
```

```
"$procedure $targetname"
```

```
Warning: the following items did not execute ( ): org.macports.activate org.macports.build
org.macports.destroot org.macports.install
```

```
local
```

## Solution:

```
port -dv extract liblastfm
```

```
cd
```

```
/opt/local/var/macports/build/_opt_local_var_macports_sources_rsync.macports.org_release_ports_audio_liblastfm/work/liblastfm-0.3.0
```

```
sh- # cat .qmake.env
```

```
local -arch x86_64 -Xarch_x86_64 QMAKE_CFLAGS_RELEASE = -pipe -O2 -arch x86_64  
-Xarch_x86_64 -I local -pipe -O2 -arch x86_64  
-Xarch_x86_64 -I local
```

```
QMAKE_LFLAGS_RELEASE = -L local -arch x86_64 -Xarch_x86_64
```

```
-pipe -O2 -arch x86_64 -Xarch_x86_64 -I local
```

```
-pipe -O2 -arch x86_64 -Xarch_x86_64 -I local
```

## qtscriptgenerator

<http://trac.macports.org/ticket/22158>

### Issue:

PHONON

### Solution:

The easiest way to workaround (until an updated Portfile is released) is:

```
sudo port extract qtscriptgenerator
```

```
cd local
```

```
sudo patch -p1
```

```
port -dv install qtscriptgenerator
```

include\_everything.patch

```
--- b -0400
```

```
+++ a -0400
```

```
#include <QtUiTools/QtUiTools>
```

```
ifndef QT_NO_XMLPATTERNS
```

```
# include <QtXmlPatterns/QtXmlPatterns>
```

```
endif
```

```
ifndef QT_NO_WEBKIT
```

```
# include <QtWebKit/QtWebKit>
```

```
endif
```

```
ifndef QT_NO_PHONON
```

```
# include <phonon/phonon>
```

```
endif
```

```
+#include <QtXmlPatterns/QtXmlPatterns>
```

```
+#include <QtWebKit/QtWebKit>
```

```
+#include "phonon/abstractaudiooutput.h"
```

```
+#include "phonon/abstractmediastream.h"
```

```
+#include "phonon/abstractvideooutput.h"
```

```
+#include "phonon/addoninterface.h"
```

```
+#include "phonon/audiooutput.h"
```

```
+#include "phonon/audiooutputinterface.h"
```

```
+#include "phonon/backendcapabilities.h"
```

```
+#include "phonon/backendinterface.h"
```

```
+#include "phonon/effect.h"
```

```
+#include "phonon/effectinterface.h"
```

```
+#include "phonon/effectparameter.h"
```

```
+#include "phonon/effectwidget.h"
```

```
+#include "phonon/mediacontroller.h"
```

```
+#include "phonon/medianode.h"
```

```
+#include "phonon/mediaobject.h"
```

```
+#include "phonon/mediaobjectinterface.h"
```

```
+#include "phonon/mediasource.h"
```

```
+#include "phonon/objectdescription.h"
```

```
+#include "phonon/objectdescriptionmodel.h"
```

```
+#include "phonon/path.h"
```

```
+#include "phonon/phonondefs.h"
```

```
+#include "phonon/phononnamespace.h"
```

```
+#include "phonon/platformplugin.h"
```

```
+#include "phonon/seekslider.h"
```

```
+#include "phonon/streaminterface.h"
```

```
+#include "phonon/videoplayer.h"
```

```
+#include "phonon/videowidget.h"
```

```
+#include "phonon/videowidgetinterface.h"
```

```
+#include "phonon/volumefadereffect.h"
```

```
+#include "phonon/volumefaderinterface.h"
```

```
+#include "phonon/volumeslider.h"
```

```
#include "../qtbindings/qtscript_core/qtscriptconcurrent.h"
```

## Amarok

<http://trac.macports.org/ticket/22144>

### **issue:**

The command below fails, because this directory doesn't exist:

```
/opt/local/var/macports/build/_opt_local_var_macports_sources_rsync.macports.org_release_ports_kde_amarok/work/destroot/opt/local/bin/amarok.app
```

I don't know whether this is because the build fails to create this directory, or whether the post-destroot mv command contains errors. Either way, amarok fails to install.

Full error message:

---> **Staging amarok into destroot**

**Error: Target org.macports.destroot returned: shell command "mv**

[/opt/local/var/macports/build/\\_opt\\_local\\_var\\_macports\\_sources\\_rsync.macports.org\\_release\\_ports\\_kde\\_am](#)



`/opt/local/var/macports/build/_opt_local_var_macports_sources_rsync.macports.org_release_ports_kde_amarok/work/destroot/opt/local/bin/amarok.app/Contents/Resources/*` returned error 1

Command output: `mv: rename /opt/local/var/macports/build/_opt_local_var_macports_sources_rsync.macports.org_release_ports_kde_amarok/work/destroot/opt/local/bin/amarok.app/Contents/Resources/* to /opt/local/var/macports/build/_opt_local_var_macports_sources_rsync.macports.org_release_ports_kde_amarok/work/destroot/Applications/MacPorts/KDE4/Amarok.app/Contents/Resources/*: No such file or directory`

Issue:

The portion of the portfile causing problems is this:

```
post-destroy {
```

```
# Place bundle icons in correct location
```

```
system "mv ${destroot}${prefix}/bin/amarok.app/Contents/Resources/ ${destroot}${applications_dir}/KDE4/Amarok.app/Contents/Resources/"
```

```
system "rm -rf ${destroot}${prefix}/bin"
```

It would seem that this build does not create the amarok.app directory, and yet the portfile is looking for it.

**Solution:**

Commented out those lines from the Portfile, not use on keepin then:

```
[geshi lang=bash]
/opt/local/var/macports/sources/rsync.macports.org/release/ports/kde/amarok

post-destroot {
# Place bundle icons in correct location
# system "mv ${destroot}${prefix}/bin/amarok.app/Contents/Resources/*
${destroot}${applications_dir}/KDE4/Amarok.app/Contents/Resources/"
# system "rm -rf ${destroot}${prefix}/bin"
}
[/geshi lang]
```

Then Amarok should be running in your SnowLeopard 64bits mode.

Thanks very much

Posted by Gonzalo in Computing at 04:04