
Subject: Problem in installation of jul14p3 on Yosemite
Posted by [Stefano Spataro](#) on Tue, 23 Dec 2014 14:23:19 GMT
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Hello,

I have tried to install jul14p3 on my fresh Yosemite installation (OS X 10.1), but I was stucked at the root installation:

```
==> lib/libCore.5.34.so done
cint/cint/main/cint_tmp \
    -w1 -zvector -ncint/cint/lib/dll_stl/G__cpp_vector.cxx \
    -D__MAKECINT__ -DG__MAKECINT__ \
    -lcint/cint/lib/dll_stl -lcint/cint/lib \
    -c-1 -A -Z0 cint/cint/lib/dll_stl/vec.h
touch cint/cint/lib/dll_stl/G__cpp_vector.cxx
bin/rmkdepend -R -fcint/cint/lib/dll_stl/G__cpp_vector.d -Y -w 1000 -- \
    -m64 -pipe -Wshadow -W -Wall -Woverloaded-virtual -fsigned-char -fno-common -linclude
-DR__HAVE_CONFIG -std=c++11 -stdlib=libc++ -pthread -D__cplusplus
-lcint/cint/lib/prec_stl \
    -lcint/cint/stl -l/Users/spataro/fairsoft_jul14p3/tools/root/cint/cint/inc --
cint/cint/lib/dll_stl/G__cpp_vector.cxx
clang++ -m64 -pipe -Wshadow -W -Wall -Woverloaded-virtual -fsigned-char -fno-common
-linclude -DR__HAVE_CONFIG -std=c++11 -stdlib=libc++ -pthread -l.
-l/Users/spataro/fairsoft_jul14p3/tools/root/cint/cint/inc -o cint/cint/lib/dll_stl/G__cpp_vector.o -c
cint/cint/lib/dll_stl/G__cpp_vector.cxx
bin/rmkdepend -R -fcore/metaultils/src/stlLoader_vector.d -Y -w 1000 -- -m64 -pipe -W -Wall
-Woverloaded-virtual -fsigned-char -fno-common -linclude -DR__HAVE_CONFIG
-DG__REGEXP -DG__UNIX -DG__SHAREDLIB -DG__ROOT -DG__REDIRECTIO
-DG__OSFDLL -DG__STD_EXCEPTION -std=c++11 -stdlib=libc++ -DG__HAVE_CONFIG
-DG__NOMAKEINFO -l/Users/spataro/fairsoft_jul14p3/tools/root/cint/cint/inc
-l/Users/spataro/fairsoft_jul14p3/tools/root/cint/cint/src
-l/Users/spataro/fairsoft_jul14p3/tools/root/cint/cint/src/dict -D__cplusplus --
core/metaultils/src/stlLoader_vector.cc
clang++ -O2 -m64 -pipe -W -Wall -Woverloaded-virtual -fsigned-char -fno-common -linclude
-DR__HAVE_CONFIG -DG__REGEXP -DG__UNIX -DG__SHAREDLIB -DG__ROOT
-DG__REDIRECTIO -DG__OSFDLL -DG__STD_EXCEPTION -std=c++11 -stdlib=libc++
-DG__HAVE_CONFIG -DG__NOMAKEINFO
-l/Users/spataro/fairsoft_jul14p3/tools/root/cint/cint/inc
-l/Users/spataro/fairsoft_jul14p3/tools/root/cint/cint/src
-l/Users/spataro/fairsoft_jul14p3/tools/root/cint/cint/src/dict -DWHAT="vector" -o
core/metaultils/src/stlLoader_vector.o -c core/metaultils/src/stlLoader_vector.cc
clang++ -dynamiclib -single_module -Wl,-dead_strip_dylibs -install_name
/Users/spataro/fairsoft_jul14p3/buildFairSoft/lib/root/vector.5.so -m64
-mmacosx-version-min=10.10 -stdlib=libc++ -o cint/cint/stl/vector.5.34.so
cint/cint/lib/dll_stl/G__cpp_vector.o core/metaultils/src/stlLoader_vector.o -ldl -Llib -lCint
-compatibility_version 5 -current_version 5.34.19
ln -fs vector.5.34.so cint/cint/stl/vector.so
==> cint/cint/stl/vector.5.34.so done
mv cint/cint/stl/vector.so cint/cint/stl/vector.dll ;mv cint/cint/stl/vector.so cint/cint/stl/vector.dll
mv: cint/cint/stl/vector.so: No such file or directory
make: *** [cint/cint/stl/vector.dll] Error 1
**** Checking libraries in /Users/spataro/fairsoft_jul14p3/buildFairSoft/lib ****
```

```
*** ERROR: root could not be created.
*** End installation of external packages with Errors***
```

It seems to me that it is trying to mv vector.so two times. Indeed:

```
d-h-72:fairsoft_jul14p3 spataro$ find . -name vector.5.34.so
./tools/root/cint/cint/stl/vector.5.34.so
d-h-72:fairsoft_jul14p3 spataro$ find . -name vector.so
d-h-72:fairsoft_jul14p3 spataro$ find . -name vector.dll
./tools/root/cint/cint/stl/vector.dll
```

The vector.dll is created, and vector.so has disappeared.

In any case, if I check several pages before, I find also the following error:

```
in/rmkdepend -R -fgraf2d/cocoa/src/TGQuartz.d -Y -w 1000 -- -m64 -pipe -Wshadow -W -Wall
-Woverloaded-virtual -fsigned-char -fno-common -linclude -DR__HAVE_CONFIG -std=c++11
-stdlib=libc++ -pthread -DNDEBUG -lgraf2d/freetype/src/freetype-2.3.12/include
-D__cplusplus -- /Users/spataro/fairsoft_jul14p3/tools/root/graf2d/cocoa/src/TGQuartz.mm
/Users/spataro/fairsoft_jul14p3/tools/root/graf2d/cocoa/src/ROOTApplicationDelegate.mm:10:2
8: error: cannot initialize a parameter of
    type 'id<NSFileManagerDelegate>' with an lvalue of type 'ROOTApplicationDelegate *'
    [NSApp setDelegate : self];
        ^~~~
/System/Library/Frameworks/Foundation.framework/Headers/NSFileManager.h:109:47: note:
passing argument to parameter 'delegate' here
@property (assign) id <NSFileManagerDelegate> delegate NS_AVAILABLE(10_5, 2_0);
        ^
```

1 error generated.

In this case the compilation does not crash, but it is an error.

Any suggestion?

With the same machine, trying to install dec14, root compiles, but in this case VGM fails.

Subject: Re: Problem in installation of jul14p3 on Yosemite
Posted by [Stefano Spataro](#) on Sat, 03 Jan 2015 11:41:04 GMT
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After a mail exchange with Florian I was able to install jul14p3 on Yosemite.
The solution was to move to a more recent root version changing the ROOTVERSION hash in
script/package_version.sh :

```
export ROOTVERSION=3e7673472eedd975f9b5fcc1ced44ddb8db476d
```

I had an additional problem in the installation of VGM due to an old subversion version in my
mac (1.6). Removing it and installing a 1.8 version everything did run smooth.