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Subject: Problem in installation of jul14p3 on Yosemite

Posted by [StefanoSpataro](#) 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__ \
    -Icint/cint/lib/dll_stl -Icint/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
-Icint/cint/lib/prec_stl \
    -Icint/cint/stl -I/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 -I.
-I/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/metautils/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 -I/Users/spataro/fairsoft_jul14p3/tools/root/cint/cint/inc
-I/Users/spataro/fairsoft_jul14p3/tools/root/cint/cint/src
-I/Users/spataro/fairsoft_jul14p3/tools/root/cint/cint/src/dict -D__cplusplus --
core/metautils/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
-I/Users/spataro/fairsoft_jul14p3/tools/root/cint/cint/inc
-I/Users/spataro/fairsoft_jul14p3/tools/root/cint/cint/src
-I/Users/spataro/fairsoft_jul14p3/tools/root/cint/cint/src/dict -DWWHAT=\"vector\" -o
core/metautils/src/stlLoader_vector.o -c core/metautils/src/stlLoader_vector.cc
clang++ -dynamiclib -single_module -WI,-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/metautils/src/stlLoader_vector.o -ldl -Llib -ICint
-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 -Igraf2d/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.

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Subject: Re: Problem in installation of jul14p3 on Yosemite  
Posted by [StefanoSpataro](#) 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=3e7673472eedd975f9b5fcc1ced44ddbd8db476d
```

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.

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