
Subject: difficulties installing the ext. pkg. on a mac
Posted by [Ralf Kliemt](#) on Tue, 27 Jan 2009 09:28:11 GMT
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Hello everybody,

I report on the behalf of our new master student from Torino.
To me it seems that there is a discrepancy in the naming of the architecture. Did anyone encounter that before? Solutions?

Kind regards, Ralf.

Quote:Dear Ralf,

As I told you yesterday I got problems while installing the external packages. My machine is a Apple MacBook with Intel processors.
My OS is: Mac OS X 10.4.11 (32 bit)

When I run the configure script it stops while working on boost_1_35 with the following error. I forward to you the last lines so maybe you can get more informations.

/

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Libraries have been installed in:
/Users/simonebianco/Documents/Software/fairroot/fairsoft/basics/gsl/lib

If you ever happen to want to link against installed libraries in a given directory, LIBDIR, you must either use libtool, and specify the full pathname of the library, or use the '-LLIBDIR' flag during linking and do at least one of the following:

- add LIBDIR to the 'DYLD_LIBRARY_PATH' environment variable during execution

See any operating system documentation about shared libraries for more information, such as the ld(1) and ld.so(manual pages.

test -z "/Users/simonebianco/Documents/Software/fairroot/fairsoft/basics/gsl/bin " || ./install-sh -c -d "/Users/simonebianco/Documents/Software/fairroot/fairsoft/basics/gsl/bin " /bin/sh ./libtool --mode=install /usr/bin/install -c 'gsl-randist' '/Users/simonebianco/Documents/Software/fairroot/fairsoft/basics/gsl/bin /gsl-randist' /usr/bin/install -c .libs/gsl-randist /Users/simonebianco/Documents/Software/fairroot/fairsoft/basics/gsl/bin/ gsl-randist /bin/sh ./libtool --mode=install /usr/bin/install -c 'gsl-histogram' '/Users/simonebianco/Documents/Software/fairroot/fairsoft/basics/gsl/bin /gsl-histogram' /usr/bin/install -c .libs/gsl-histogram /Users/simonebianco/Documents/Software/fairroot/fairsoft/basics/gsl/bin/ gsl-histogram
**** Checking libraries in /Users/simonebianco/Documents/Software/fairroot/fairsoft/basics/gsl/lib ****
*** gsl compiled successfully ***
*** Compiling Boostjam
*** Unpacking boost-jam-3.1.16.tgz
###

```
### Using 'darwin' toolset.
###
rm -rf bootstrap
mkdir bootstrap
cc -o bootstrap/jam0 command.c compile.c debug.c expand.c glob.c hash.c hdrmacro.c
headers.c jam.c jambase.c jamgram.c lists.c make.c make1.c newstr.c option.c output.c
parse.c pathunix.c pathvms.c regexp.c rules.c scan.c search.c subst.c timestamp.c variable.c
modules.c strings.c filesys.c builtins.c pwd.c class.c native.c w32_getreg.c modules/set.c
modules/path.c modules/regex.c modules/property-set.c modules/sequence.c modules/order.c
execunix.c fileunix.c
./bootstrap/jam0 -f build.jam --toolset=darwin --toolset-root= clean
...found 1 target...
...updating 1 target...
...updated 1 target...
./bootstrap/jam0 -f build.jam --toolset=darwin --toolset-root=
...found 47 targets...
...updating 2 targets...

[MKDIR] bin.macosxx86
[COMPILE] bin.macosxx86/bjam
...updated 2 targets...
cp: bin.macosx/bjam: No such file or directory
*** ERROR: Boostjam could not be created.
*** End installation of external packages with Errors***
```

I really don't know what to do. Do you have any suggestion?

Thanks in advance for your help.

Simone

Subject: Re: difficulties installing the ext. pkg. on a mac
Posted by [Aleksandra Biegun](#) on Tue, 27 Jan 2009 10:14:23 GMT
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Hi Ralf, hi Simone,

I also have Mac OS X 10.4.11 (32 bit)
and I installed external package on it,
the latest one from july 2008,
with ROOT 5.20 and it works.

But, indeed, I also had problems.

If you have problem with "bjam", so
probably you have this program in:
~/.../fairsoft/basics/boost-jam/bin.macosxx86/

if yes, then copy it to this directory:
~/.../fairsoft/basics/boost-jam/bin/

and run configuration script again.

Regards,
Ola.

Subject: Re: difficulties installing the ext. pkg. on a mac
Posted by [Simone Bianco](#) on Fri, 30 Jan 2009 09:08:28 GMT
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Hi Ola,

thanks a lot, it worked and I was able to compile the external packages. While I was compiling pandaroot I got a new error:

```
/[ 19%] Building Fortran object
pgenerators/DpmEvtGen/CMakeFiles/DpmEvtGen.dir/rndmget.o
[ 19%] Building Fortran object pgenerators/DpmEvtGen/CMakeFiles/DpmEvtGen.dir/string.o
Linking Fortran shared library ../lib/libDpmEvtGen.so
/usr/bin/ld: common symbols not allowed with MH_DYLIB output format with the -multi_module
option
CMakeFiles/DpmEvtGen.dir/common.o definition of common _finpar_ (size 400000)
CMakeFiles/DpmEvtGen.dir/common.o definition of common _limmas_ (size 4304)
CMakeFiles/DpmEvtGen.dir/common.o definition of common _midpar_ (size 40000)
CMakeFiles/DpmEvtGen.dir/decay.o definition of common _drei_ (size 48)
CMakeFiles/DpmEvtGen.dir/decay.o definition of common _gamred_ (size 80)
CMakeFiles/DpmEvtGen.dir/decay.o definition of common _metlsp_ (size 2400016)
CMakeFiles/DpmEvtGen.dir/dpm_gen.o definition of common _lujets_ (size 28016)
CMakeFiles/DpmEvtGen.dir/dpm_gen.o definition of common _qgmpar_ (size 112)
CMakeFiles/DpmEvtGen.dir/dpm_gen.o definition of common _uzhi_ (size 96)
CMakeFiles/DpmEvtGen.dir/init.o definition of common _finlsp_ (size 2416)
CMakeFiles/DpmEvtGen.dir/init.o definition of common _inpdatt_ (size 2352)
CMakeFiles/DpmEvtGen.dir/rndmget.o definition of common _rndu_ (size 16)
collect2: ld returned 1 exit status
make[2]: *** [lib/libDpmEvtGen.0.0.0.so] Error 1
make[1]: *** [pgenerators/DpmEvtGen/CMakeFiles/DpmEvtGen.dir/all] Error 2
make: *** [all] Error 2
```

Finally I commented out the line "add_subdirectory (pgenerators/DpmEvtGen)" in [pandaroot]/CMakeLists.txt as suggested by Ralf and it worked. Any suggestion about how to compile DpmEvtGen on Mac osx 10.4.11?

Best regards,

Simone
