

Hello,

I'm installing the last external packages in a MacBook 10.5.5.

I have the follow error message when it install ml-gsoapclient-2.7.10.tar.gz:

```
*** Package gsl is OK ***
*** Package Boostjam is OK ***
*** Package Boost is OK ***
*** Package ApMon is OK ***
*** Compiling ml-gsoapclient .....
*** Unpacking ml-gsoapclient-2.7.10.tar.gz .....
patching file src/testWS.cxx
checking for a BSD-compatible install... /usr/bin/install -c
checking whether build environment is sane... yes
checking for gawk... no
checking for mawk... no
checking for nawk... no
checking for awk... awk
checking whether make sets $(MAKE)... yes
checking build system type... i686-apple-darwin9.5.1
checking host system type... i686-apple-darwin9.5.1
checking whether make sets $(MAKE)... (cached) yes
checking for soapcpp2... no
checking for g++... g++
checking for C++ compiler default output file name... a.out
checking whether the C++ compiler works... yes
checking whether we are cross compiling... no
checking for suffix of executables...
checking for suffix of object files... o
checking whether we are using the GNU C++ compiler... yes
checking whether g++ accepts -g... yes
checking for style of include used by make... GNU
checking dependency style of g++... gcc3
checking for gawk... (cached) awk
checking for gcc... gcc
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 dependency style of gcc... gcc3
checking how to run the C preprocessor... gcc -E
checking whether gcc and cc understand -c and -o together... yes
checking for a BSD-compatible install... /usr/bin/install -c
checking whether ln -s works... yes
checking for flex... flex
checking for yywrap in -lfl... yes
checking lex output file root... lex.yy
checking whether yytext is a pointer... yes
```

checking for bison... bison -y
checking for a sed that does not truncate output... /usr/bin/sed
checking for grep that handles long lines and -e... /usr/bin/grep
checking for egrep... /usr/bin/grep -E
checking for ld used by gcc... /usr/libexec/gcc/i686-apple-darwin9/4.0.1/ld
checking if the linker (/usr/libexec/gcc/i686-apple-darwin9/4.0.1/ld) is GNU ld... no
checking for /usr/libexec/gcc/i686-apple-darwin9/4.0.1/ld option to reload object files... -r
checking for BSD-compatible nm... /usr/bin/nm -p
checking how to recognise dependent libraries... pass_all
checking for ANSI C header files... rm: conftest.dSYM: is a directory
rm: conftest.dSYM: is a directory
yes
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 dlfcn.h usability... yes
checking dlfcn.h presence... yes
checking for dlfcn.h... yes
checking how to run the C++ preprocessor... g++ -E
checking for g77... g77
checking whether we are using the GNU Fortran 77 compiler... yes
checking whether g77 accepts -g... yes
checking the maximum length of command line arguments... 65536
checking command to parse /usr/bin/nm -p output from gcc object... rm: conftest.dSYM: is a directory
rm: conftest.dSYM: is a directory
rm: conftest.dSYM: is a directory
rm: conftest.dSYM: is a directory
ok
checking for objdir... .libs
checking for ar... ar
checking for ranlib... ranlib
checking for strip... strip
checking if gcc static flag works... rm: conftest.dSYM: is a directory
yes
checking if gcc supports -fno-rtti -fno-exceptions... rm: conftest.dSYM: is a directory
no
checking for gcc option to produce PIC... -fno-common
checking if gcc PIC flag -fno-common works... rm: conftest.dSYM: is a directory
yes
checking if gcc supports -c -o file.o... rm: conftest.dSYM: is a directory
yes
checking whether the gcc linker (/usr/libexec/gcc/i686-apple-darwin9/4.0.1/ld) supports shared libraries... yes
checking dynamic linker characteristics... darwin9.5.1 dyld
checking how to hardcode library paths into programs... immediate

checking whether stripping libraries is possible... yes
checking if libtool supports shared libraries... yes
checking whether to build shared libraries... yes
checking whether to build static libraries... yes
configure: creating libtool
appending configuration tag "CXX" to libtool
checking for ld used by g++... /usr/libexec/gcc/i686-apple-darwin9/4.0.1/ld
checking if the linker (/usr/libexec/gcc/i686-apple-darwin9/4.0.1/ld) is GNU ld... no
checking whether the g++ linker (/usr/libexec/gcc/i686-apple-darwin9/4.0.1/ld) supports shared
libraries... yes
checking for g++ option to produce PIC... -fno-common
checking if g++ PIC flag -fno-common works... rm: conftest.dSYM: is a directory
yes
checking if g++ supports -c -o file.o... rm: conftest.dSYM: is a directory
yes
checking whether the g++ linker (/usr/libexec/gcc/i686-apple-darwin9/4.0.1/ld) supports shared
libraries... yes
checking dynamic linker characteristics... darwin9.5.1 dyld
checking how to hardcode library paths into programs... immediate
checking whether stripping libraries is possible... yes
appending configuration tag "F77" to libtool
checking if libtool supports shared libraries... yes
checking whether to build shared libraries... yes
checking whether to build static libraries... yes
checking for g77 option to produce PIC... -fno-common
checking if g77 PIC flag -fno-common works... rm: conftest.dSYM: is a directory
yes
checking if g77 supports -c -o file.o... rm: conftest.dSYM: is a directory
yes
checking whether the g77 linker (/usr/libexec/gcc/i686-apple-darwin9/4.0.1/ld) supports shared
libraries... yes
checking dynamic linker characteristics... darwin9.5.1 dyld
checking how to hardcode library paths into programs... immediate
checking whether stripping libraries is possible... yes
checking for doxygen... no
checking for ANSI C header files... (cached) yes
checking for sys/wait.h that is POSIX.1 compatible... yes
checking arpa/inet.h usability... yes
checking arpa/inet.h presence... yes
checking for arpa/inet.h... yes
checking fcntl.h usability... yes
checking fcntl.h presence... yes
checking for fcntl.h... yes
checking float.h usability... yes
checking float.h presence... yes
checking for float.h... yes
checking limits.h usability... yes
checking limits.h presence... yes
checking for limits.h... yes
checking netdb.h usability... yes
checking netdb.h presence... yes
checking for netdb.h... yes

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checking netinet/in.h usability... yes
checking netinet/in.h presence... yes
checking for netinet/in.h... yes
checking for stdlib.h... (cached) yes
checking for string.h... (cached) yes
checking for strings.h... (cached) yes
checking sys/socket.h usability... yes
checking sys/socket.h presence... yes
checking for sys/socket.h... yes
checking sys/time.h usability... yes
checking sys/time.h presence... yes
checking for sys/time.h... yes
checking sys/timeb.h usability... yes
checking sys/timeb.h presence... yes
checking for sys/timeb.h... yes
checking for unistd.h... (cached) yes
checking for an ANSI C-conforming const... yes
checking for pid_t... yes
checking for size_t... yes
checking whether time.h and sys/time.h may both be included... yes
checking whether struct tm is in sys/time.h or time.h... time.h
checking vfork.h usability... no
checking vfork.h presence... no
checking for vfork.h... no
checking for fork... yes
checking for vfork... yes
checking for working fork... yes
checking for working vfork... (cached) yes
checking whether gcc needs -traditional... rm: conftest.dSYM: is a directory
rm: conftest.dSYM: is a directory
no
checking for stdlib.h... (cached) yes
checking for GNU libc compatible malloc... yes
checking for stdlib.h... (cached) yes
checking for sys/time.h... (cached) yes
checking for unistd.h... (cached) yes
checking for alarm... yes
checking for working mktime... yes
checking for strptime... yes
checking for working strtod... yes
configure: creating ./config.status
config.status: creating Makefile
config.status: WARNING:  Makefile.in seems to ignore the --datarootdir setting
config.status: creating src/Makefile
config.status: WARNING:  src/Makefile.in seems to ignore the --datarootdir setting
config.status: executing depfiles commands
Making all in src
source='soapC.cpp' object='soapC.lo' libtool=yes \
depfile='.deps/soapC.Plo' tmpdepfile='.deps/soapC.TPlo' \
depmode=gcc3 /bin/sh ../depcomp \
/bin/sh ../libtool --mode=compile g++ -DPACKAGE_NAME=\"ml\ gsoapclient\"
-DPACKAGE_TARNAME=\"ml-gsoapclient\" -DPACKAGE_VERSION=\"2.7.10\"

```

```

-DPACKAGE_STRING=\"ml\\ gsoapclient\\ 2.7.10\\\" -DPACKAGE_BUGREPORT=\\\"\\\"
-DPACKAGE=\"ml-gsoapclient\" -DVERSION=\"2.7.10\" -DYYTEXT_POINTER=1
-DSTDC_HEADERS=1 -DHAVE_SYS_TYPES_H=1 -DHAVE_SYS_STAT_H=1
-DHAVE_STDLIB_H=1 -DHAVE_STRING_H=1 -DHAVE_MEMORY_H=1
-DHAVE_STRINGS_H=1 -DHAVE_INTTYPES_H=1 -DHAVE_STDINT_H=1
-DHAVE_UNISTD_H=1 -DHAVE_DLFCN_H=1 -DSTDC_HEADERS=1
-DHAVE_SYS_WAIT_H=1 -DHAVE_ARPA_INET_H=1 -DHAVE_FCNTL_H=1
-DHAVE_FLOAT_H=1 -DHAVE_LIMITS_H=1 -DHAVE_NETDB_H=1
-DHAVE_NETINET_IN_H=1 -DHAVE_STDLIB_H=1 -DHAVE_STRING_H=1
-DHAVE_STRINGS_H=1 -DHAVE_SYS_SOCKET_H=1 -DHAVE_SYS_TIME_H=1
-DHAVE_SYS_TIMEB_H=1 -DHAVE_UNISTD_H=1 -DTIME_WITH_SYS_TIME=1
-DHAVE_FORK=1 -DHAVE_VFORK=1 -DHAVE_WORKING_VFORK=1
-DHAVE_WORKING_FORK=1 -DHAVE_STDLIB_H=1 -DHAVE_MALLOC=1
-DHAVE_STDLIB_H=1 -DHAVE_SYS_TIME_H=1 -DHAVE_UNISTD_H=1
-DHAVE_ALARM=1 -DHAVE_STRFTIME=1 -I. -I. -D_GNU_SOURCE -O3
-march=pentium4 -m64 -c -o soapC.lo `test -f 'soapC.cpp' || echo './` soapC.cpp
g++ "-DPACKAGE_NAME=\"ml gsoapclient\"" -DPACKAGE_TARNAME=\"ml-gsoapclient\"
-DPACKAGE_VERSION=\"2.7.10\" "-DPACKAGE_STRING=\"ml gsoapclient 2.7.10\"
-DPACKAGE_BUGREPORT=\\\"\\\" -DPACKAGE=\"ml-gsoapclient\" -DVERSION=\"2.7.10\"
-DYYTEXT_POINTER=1 -DSTDC_HEADERS=1 -DHAVE_SYS_TYPES_H=1
-DHAVE_SYS_STAT_H=1 -DHAVE_STDLIB_H=1 -DHAVE_STRING_H=1
-DHAVE_MEMORY_H=1 -DHAVE_STRINGS_H=1 -DHAVE_INTTYPES_H=1
-DHAVE_STDINT_H=1 -DHAVE_UNISTD_H=1 -DHAVE_DLFCN_H=1
-DSTDC_HEADERS=1 -DHAVE_SYS_WAIT_H=1 -DHAVE_ARPA_INET_H=1
-DHAVE_FCNTL_H=1 -DHAVE_FLOAT_H=1 -DHAVE_LIMITS_H=1 -DHAVE_NETDB_H=1
-DHAVE_NETINET_IN_H=1 -DHAVE_STDLIB_H=1 -DHAVE_STRING_H=1
-DHAVE_STRINGS_H=1 -DHAVE_SYS_SOCKET_H=1 -DHAVE_SYS_TIME_H=1
-DHAVE_SYS_TIMEB_H=1 -DHAVE_UNISTD_H=1 -DTIME_WITH_SYS_TIME=1
-DHAVE_FORK=1 -DHAVE_VFORK=1 -DHAVE_WORKING_VFORK=1
-DHAVE_WORKING_FORK=1 -DHAVE_STDLIB_H=1 -DHAVE_MALLOC=1
-DHAVE_STDLIB_H=1 -DHAVE_SYS_TIME_H=1 -DHAVE_UNISTD_H=1
-DHAVE_ALARM=1 -DHAVE_STRFTIME=1 -I. -I. -D_GNU_SOURCE -O3 -march=pentium4
-m64 -c soapC.cpp -MT soapC.lo -MD -MP -MF .deps/soapC.TPlo -fno-common -DPIC -o
.libs/soapC.o
soapC.cpp:1: error: CPU you selected does not support x86-64 instruction set
soapC.cpp:1: error: CPU you selected does not support x86-64 instruction set
make[1]: *** [soapC.lo] Error 1
make: *** [all-recursive] Error 1
Making install in src
source='soapC.cpp' object='soapC.lo' libtool=yes \
depfile='.deps/soapC.Plo' tmpdepfile='.deps/soapC.TPlo' \
depmode=gcc3 /bin/sh ../depcomp \
/bin/sh ../libtool --mode=compile g++ -DPACKAGE_NAME=\"ml\\ gsoapclient\\
-DPACKAGE_TARNAME=\"ml-gsoapclient\" -DPACKAGE_VERSION=\"2.7.10\"
-DPACKAGE_STRING=\"ml\\ gsoapclient\\ 2.7.10\\\" -DPACKAGE_BUGREPORT=\\\"\\\"
-DPACKAGE=\"ml-gsoapclient\" -DVERSION=\"2.7.10\" -DYYTEXT_POINTER=1
-DSTDC_HEADERS=1 -DHAVE_SYS_TYPES_H=1 -DHAVE_SYS_STAT_H=1
-DHAVE_STDLIB_H=1 -DHAVE_STRING_H=1 -DHAVE_MEMORY_H=1
-DHAVE_STRINGS_H=1 -DHAVE_INTTYPES_H=1 -DHAVE_STDINT_H=1
-DHAVE_UNISTD_H=1 -DHAVE_DLFCN_H=1 -DSTDC_HEADERS=1
-DHAVE_SYS_WAIT_H=1 -DHAVE_ARPA_INET_H=1 -DHAVE_FCNTL_H=1
-DHAVE_FLOAT_H=1 -DHAVE_LIMITS_H=1 -DHAVE_NETDB_H=1

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-DHAVE_NETINET_IN_H=1 -DHAVE_STDLIB_H=1 -DHAVE_STRING_H=1
-DHAVE_STRINGS_H=1 -DHAVE_SYS_SOCKET_H=1 -DHAVE_SYS_TIME_H=1
-DHAVE_SYS_TIMEB_H=1 -DHAVE_UNISTD_H=1 -DTIME_WITH_SYS_TIME=1
-DHAVE_FORK=1 -DHAVE_VFORK=1 -DHAVE_WORKING_VFORK=1
-DHAVE_WORKING_FORK=1 -DHAVE_STDLIB_H=1 -DHAVE_MALLOC=1
-DHAVE_STDLIB_H=1 -DHAVE_SYS_TIME_H=1 -DHAVE_UNISTD_H=1
-DHAVE_ALARM=1 -DHAVE_STRFTIME=1 -I. -I. -D_GNU_SOURCE -O3
-march=pentium4 -m64 -c -o soapC.lo `test -f 'soapC.cpp' || echo './` soapC.cpp
g++ "-DPACKAGE_NAME=\"ml gsoapclient\"" -DPACKAGE_TARNAME=\"ml-gsoapclient\"
-DPACKAGE_VERSION=\"2.7.10\" -DPACKAGE_STRING=\"ml gsoapclient 2.7.10\"
-DPACKAGE_BUGREPORT=\"\" -DPACKAGE=\"ml-gsoapclient\" -DVERSION=\"2.7.10\"
-DYYTEXT_POINTER=1 -DSTDC_HEADERS=1 -DHAVE_SYS_TYPES_H=1
-DHAVE_SYS_STAT_H=1 -DHAVE_STDLIB_H=1 -DHAVE_STRING_H=1
-DHAVE_MEMORY_H=1 -DHAVE_STRINGS_H=1 -DHAVE_INTTYPES_H=1
-DHAVE_STDINT_H=1 -DHAVE_UNISTD_H=1 -DHAVE_DLFCN_H=1
-DSTDC_HEADERS=1 -DHAVE_SYS_WAIT_H=1 -DHAVE_ARPA_INET_H=1
-DHAVE_FCNTL_H=1 -DHAVE_FLOAT_H=1 -DHAVE_LIMITS_H=1 -DHAVE_NETDB_H=1
-DHAVE_NETINET_IN_H=1 -DHAVE_STDLIB_H=1 -DHAVE_STRING_H=1
-DHAVE_STRINGS_H=1 -DHAVE_SYS_SOCKET_H=1 -DHAVE_SYS_TIME_H=1
-DHAVE_SYS_TIMEB_H=1 -DHAVE_UNISTD_H=1 -DTIME_WITH_SYS_TIME=1
-DHAVE_FORK=1 -DHAVE_VFORK=1 -DHAVE_WORKING_VFORK=1
-DHAVE_WORKING_FORK=1 -DHAVE_STDLIB_H=1 -DHAVE_MALLOC=1
-DHAVE_STDLIB_H=1 -DHAVE_SYS_TIME_H=1 -DHAVE_UNISTD_H=1
-DHAVE_ALARM=1 -DHAVE_STRFTIME=1 -I. -I. -D_GNU_SOURCE -O3 -march=pentium4
-m64 -c soapC.cpp -MT soapC.lo -MD -MP -MF .deps/soapC.TPlo -fno-common -DPIC -o
.libs/soapC.o
soapC.cpp:1: error: CPU you selected does not support x86-64 instruction set
soapC.cpp:1: error: CPU you selected does not support x86-64 instruction set
make[1]: *** [soapC.lo] Error 1
make: *** [install-recursive] Error 1
In: libapmoncpp.2.0.6.so: File exists
In: libapmoncpp.2.so: File exists
In: libapmoncpp.so: File exists
**** Checking libraries in /Users/macbook/fairsoft/tools/monalisa/lib/ ****
Library libapmoncpp.2.0.6.dylib is 32bit, but system is 64bit
Library libapmoncpp.2.dylib is 32bit, but system is 64bit
Library libapmoncpp.dylib is 32bit, but system is 64bit
Library libapmoncpp.a is 32bit, but system is 64bit
*** ERROR: ml-gsoapclient could not be created.
*** End installation of external packages with Errors***

```

```

gcc version: 4.0.1
g77 version: 3.4.6
gfortran version: 4.4.0

```

Can somebody help me? Any idea?

Thanks in advance,

Elisa

Subject: Re: problem with external packages installation
Posted by [Florian Uhlig](#) on Sat, 10 Jan 2009 08:22:54 GMT
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Hi Elisa

You should start again from scratch with a clean version of the external packages. In the following part of your mail you can see that you have chosen "Optimize" in the menu. This one was only tested with some PCs at GSI, so this is most probable a copy&paste error. Maybe in the next version of the external packages this will work.

```
-O3 -march=pentium4 -m64 -c soapC.cpp -MT soapC.lo -MD -MP -MF .deps/soapC.TPlo  
-fno-common -DPIC -o .libs/soapC.o  
soapC.cpp:1: error: CPU you selected does not support x86-64 instruction set  
soapC.cpp:1: error: CPU you selected does not support x86-64 instruction set  
make[1]: *** [soapC.lo] Error 1
```

Either you change the optimization flags to the correct flags for Mac OS X in the set.compiler.sh script or you run the installation from scratch choosing "No Debug Info" or "Debug Info" the menu. In both cases you should start with a clean unpack of the external packages.

Ciao

Florian

Subject: Re: problem with external packages installation
Posted by [Elisa Fioravanti](#) on Mon, 12 Jan 2009 10:28:39 GMT
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Hello Florian,

thank you!! Now it works!

Ciao,
Elisa
