
Subject: Failure when compiling FairSoft may18 in MacOS Mojave

Posted by [Volker Friese](#) on Wed, 26 Jun 2019 08:36:05 GMT

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I fail to install FairSoft version may18 under MacOS Mojave (10.14.5). The compilation fails with ROOT.

I did not install XCode, but I do have the latest Command Line Tools:

Command Line Tools (macOS Mojave version 10.14) for Xcode 10.2

The clang version is

Apple LLVM version 10.0.1 (clang-1001.0.46.4)

Target: x86_64-apple-darwin18.6.0

Thread model: posix

InstalledDir: /Library/Developer/CommandLineTools/usr/bin

I have a "fresh" system, so no C++ headers in /usr/include (actually, there is no /usr/include directory).

The compilation fails with the following error messages (and many more). I do appreciate any help.

In file included from input_line_9:16:

In file included from

/Users/vfrieese/temp/fairsoft/tools/root/build_for_fair/include/TApplication.h:30:

In file included from /Users/vfrieese/temp/fairsoft/tools/root/build_for_fair/include/TQObject.h:41:

In file included from /Users/vfrieese/temp/fairsoft/tools/root/build_for_fair/include/TList.h:25:

In file included from

/Users/vfrieese/temp/fairsoft/tools/root/build_for_fair/include/TSeqCollection.h:25:

In file included from

/Users/vfrieese/temp/fairsoft/tools/root/build_for_fair/include/TCollection.h:29:

In file included from /Users/vfrieese/temp/fairsoft/tools/root/build_for_fair/include/TString.h:26:

In file included from

/Users/vfrieese/temp/fairsoft/tools/root/build_for_fair/include/TMathBase.h:32:

/Library/Developer/CommandLineTools/usr/include/c++/v1/cmath:313:9: error: no member named 'signbit' in the global namespace

using ::signbit;

~~^

/Library/Developer/CommandLineTools/usr/include/c++/v1/cmath:314:9: error: no member named 'fpclassify' in the global namespace

using ::fpclassify;

~~^

/Library/Developer/CommandLineTools/usr/include/c++/v1/cmath:315:9: error: no member named 'isfinite' in the global namespace; did you mean 'finite'?

using ::isfinite;

~~^

/Library/Developer/CommandLineTools/SDKs/MacOSX10.14.sdk/usr/include/math.h:749:12: note: 'finite' declared here
extern int finite(double)

^

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/Users/vfrieese/temp/fairsoft/tools/root/build_for_fair/include/TMathBase.h:32:

/Library/Developer/CommandLineTools/usr/include/c++/v1/cmath:316:9: error: no member named 'isinf' in the global namespace

using ::isinf;

^^^

/Library/Developer/CommandLineTools/usr/include/c++/v1/cmath:317:9: error: no member named 'isnan' in the global namespace

using ::isnan;

^^^

/Library/Developer/CommandLineTools/usr/include/c++/v1/cmath:318:9: error: no member named 'isnormal' in the global namespace

using ::isnormal;

^^^

/Library/Developer/CommandLineTools/usr/include/c++/v1/cmath:319:9: error: no member named 'isgreater' in the global namespace; did you mean 'greater'?

using ::isgreater;

^^^

/Library/Developer/CommandLineTools/usr/include/c++/v1/functional:720:29: note: 'greater' declared here

struct _LIBCPP_TEMPLATE_VIS greater : binary_function<_Tp, _Tp, bool>