

C++ Primer, Fifth Edition

Workarounds for C++11 Features not Implemented in GCC 4.7.0

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August 9, 2012

A few C++11 features used in *C++ Primer* are not yet implemented in the latest GNU compiler (GCC 4.7.0). This document outlines these unimplemented features and, where possible, suggests workarounds.

defaultfloat and hexfloat manipulators `Version_test.h` provides an implementation for `defaultfloat`. There is no workaround for the missing `hexfloat` manipulator.

Inherited constructors There is no direct workaround. Write the corresponding definitions directly.

Reference qualified member functions There is no direct workaround for this feature. Because reference qualifiers are generally used as an optimization to trigger move semantics, few programs *require* this feature.

Regular expression library There is no workaround.

string numeric conversions `Version_test.h` provides an implementation for `stod` and `to_string`.