Subject: AssertMoveable fails to work?
Posted by piotr5 on Mon, 27 Feb 2023 21:47:47 GMT
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I noticed in Topt.h in the AssertMoveable definitions

#if defined(COMPILER_MSC) || defined(COMPILER_GCC) && (__GNUC__ < 4 || __GNUC_MINOR__ < 1)

and what it does actually do is that the correct branch is visited whenever minor version of gcc is bigger than 0? this causes problems when testing a new release with minor version 0. just try
c++ -E -dD Core/Core.h
and you'll see that gcc-12.2.1 is using the definition with templated AssertMoveable whereas gcc-13.0 is using the version with the AssertMoveable0 which simply doesn't work...

#if defined(COMPILER_MSC) || defined(COMPILER_GCC) && (__GNUC__ < 4 || (__GNUC__ == 4 && __GNUC_MINOR__ < 1))

is what I use instead. maybe remove the last part completely and drop compatibility with gcc-4.0.*?