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Subject: Re: PolyDeepCopyNew: MSC / GCC differ in behaviour

Posted by [mirek](#) on Mon, 18 Oct 2010 14:03:19 GMT

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kohait00 wrote on Mon, 18 October 2010 03:35hi mirek

the weird point is, in MSC it works.. gcc does not recognize the friend DeepCopyNew as the specialisation from template

Well, the C++ rules as applied to your code are so complicated that even compiler writers interpret them differently

Frankly, the code is quite complicated for me too. Resolving the issue whether MSC or GCC is right might require several hours spend with C++ standard, which is something I am not going to sacrifice now:) If you want to have fun, concentrate on chapters that deal with template class instantiation...

Personally, I do not see any usefulness in what your are trying to do. Even current version of PolyDeepCopyNew is in fact "purely academic" - we know we are able to create a copy of polymorphic container, but in practice, it is never needed. I would even say that code that would benefit from it might have some serious design flaw

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