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Subject: Re: Core chat...

Posted by [mdelfede](#) on Fri, 26 Oct 2007 16:47:27 GMT

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luzr wrote on Fri, 26 October 2007 14:01

But does not compile Your template needs deep public copy constructor for T, even if it is not actually used (because reference count is always 1 for COW ops).

Quote:

and I can tell you that if you forget the & you have double controls on screen!

Sounds like a possible solution, but in that case you need to solve the quite complex problem of polymorphic copy - and all that only to make flawed code working somehow.

Well, thinking a bit more about it.... I have the solution : put dummy copy constructors in Ctrl class, that throw an exception or fail an assert... So :

1- You're sure that you don't use the copy-on-write for classes you don't want to.

2- You must not write some cumbersome polymorphic class copy constructor.

Copy constructors *are* there, so my previous example does work

So, the solution (with refcounted classes) is to displace the error from picked array to copy constructor