
Subject: Re: Bug in singleton classes in fairbase/base
Posted by [Bertram Kopf](#) on Tue, 27 Oct 2009 14:09:52 GMT
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Hi Mohammad,
Mohammad Al-Turany wrote

... but I do not agree that you can create these classes more than once, there is protection in the ctor which prevent this, so I am wondering how could you create any of these more than once! did you try it?

I didn't look closer into the ctor. You are right, there is a protection against it. If you try to create a second object , then the application will crash.

But if you would like to call the function "Instance()" without creating the object before, one gets back 0 pointer. And this definitely is not the idea of a singleton.

Mohammad Al-Turany wrote

the only reason that we kept this attempt to write singletons as it is that if we put the ctor as privet then you have to call always the instance so nobody can call new FairRun for example directly ...

Mohammad

But exactly this should be avoided in a singleton. The only way to get access to a singleton object should be possible via a static instance function. The singleton itself has to take care of calling its own ctor.

Therefore I would prefer to follow the recommendations of object oriented design patterns.

Cheers,
Bertram.