Subject: Re: Bug in sigleton classes in fairbase/base
Posted by Bertram Kopf on Tue, 27 Oct 2009 14:09:52 GMT

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.