
Subject: Re: MT/Locking Questions

Posted by [mirek](#) on Tue, 29 Apr 2008 17:09:55 GMT

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mr_ped wrote on Tue, 29 April 2008 04:03

As you can see, there's some StaticMutex class also. I'm looking at the source right now, but I have still no idea why ordinary Mutex would be not good enough even for static variable of class.

Sorry.

The idea behind StaticMutex is this: Normal Mutex has initialization code in constructor. That might cause problems if you are using it as global variable - some global initialization (e.g. INITBLOCK) might try to lock uninitialized mutex.

StaticMutex is a simple wrapper that has no constructor and constructs itself at first call to Enter (in fact, it constructs a regular Mutex inside . However, it can only be used as static or global variable (because it employs initial zero initialization).

Mirek
