
Subject: Re: MT again (SOLVED!)
Posted by [mirek](#) on Sat, 19 Dec 2009 10:55:09 GMT
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mdelfede wrote on Fri, 18 December 2009 06:51The problem was that IsOpen() just checks that the thread was STARTED right, not if the thread is still active.
To check for it, I added a new variable set inside the thread (inThread).

Well, I have spent some time thinking about the issue and came to the conclusion that IsOpen behaviour is in fact correct:

Even if thread is finished (returns from the thread routine), its OS representation still exists until the last reference to the thread is closed.

For example, in such situation, call to Wait returns immediately.

This behaviour is in fact required for correct thread synchronisation - it is always possible that thread finishes quick, but you still need to know that it has started successfully.

I was also thinking about adding IsRunning method, but for now I am against it - such status is very temporal thing, I am afraid that such method is invitation for race conditions to emerge.

Mirek
