Subject: Re: how to use timer id?
Posted by bonami on Thu, 22 Jul 2010 09:32:40 GMT
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I need the timer creation and killing to be executed in main thread.

When I kill the timer, there are two situations.
One, the callback has already been executing. Then I cannot tell in the callback whether it should execute. This is why I need the killing operation to be executed in main thread.
Two, the timer has not timed out yet. This way, the callback will never be executed. This is all right.

My real implementation is an auto processor.
A timer can be asked for. Before it ends, network packets may ends it. Thread is blocked by a semaphore. Network packets minus this semaphore. Timer ending minus it, too. If network packets received, the timer needs to be killed. And later packets needs to be neglected. After a while, this all may run again. So the timer callback cannot be executed again after I called timer killing. Otherwise, it will mess up the next round.