Subject: Re: how to use timer id? Posted by bonami on Thu, 22 Jul 2010 02:09:14 GMT View Forum Message <> Reply to Message

my problem is not how to envoke the TopWindow's functions in the Thread, but how to separate these threads. I traced your code. TimerCB(-1000) is not thread safe, it calls CreateCounter() synchronously. Since the timer is executed in TopWindow thread, this is not what I want. In fact, timer creation is not a problem. Killing it is. Here's a demo of my code,

```
class e : public TopWindow {
 class a {
  Thread t:
  void f(void);
 };
 void cb(void);
 a aa:
};
void e::a::f(void)
{
 Sleep(1000);
 SetTimeCallback(1000, cb, 10);
 Sleep(1000);
 KillTimeCallback(10);
}
void e::cb(void)
{
}
GUI APP MAIN
{
 e ee:
 ee.aa.t.Run(callback(&ee.aa, &e::a::f));
 ee.Run();
}
```

This code cannot build. it just shows my intention. in the Thread function f, I create a timer expiring after 1 second. Then it sleeps 1 second and kills the timer. The problem is, I do not know whether the timer is already envoked when I kill it. That is why I want to put all the timer operations in TopWindow thread and I think that is what should be done. So I need to send a message to TopWindow and let it create or kill the timer, from an MS view. Plus, why did you test Thread::IsShutdownThreads()?