
Subject: Re: MT app hangs

Posted by [mdelfede](#) on Thu, 17 Dec 2009 20:15:05 GMT

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Well... now I'm running out of ideas !

Why this

```
// calculation thread function
void CalcPage::DoCalculation(void)
{
    // gets the status bar
    StatusBar &sb = ((Lamell *) (GetMainWindow()))->GetStatusBar();
    {
        GuiLock __;
        sb.Set("Calcolo in corso");
    }
    calcAborted = !Calculate();
    {
        GuiLock __;
        if(calcAborted)
            sb.Set("Errore");
        else
            sb.Set("Pronto");
    }
}
```

```
// modify handler -- triggers page calculation
// (triggered by button)
void CalcPage::ModifyCb(void)
{
    PostCallback(THISBACK(CalcAgainCb));
}
```

```
// callback in case modify handler is re-entered when
// calc thread still working
void CalcPage::CalcAgainCb(void)
{
    if(!calcThread.IsOpen())
        // restarts the calculation if thread not already working
        calcThread.Run(THISBACK(DoCalculation));
    // otherwise repost calculation for later
    else
        PostCallback(THISBACK(CalcAgainCb));
}
```

doesn't work ???

It just runs calc thread once, so I guess IsOpen() always returns true.... so, thread still blocked somewhere.

Ciao

Max
