Subject: Freezing bare application on Windows XP
Posted by qapko on Sat, 26 Dec 2009 09:05:29 GMT

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Hello,
I've discovered one issue in method Ctrl::GuiSleep0 (used by TopWindow::Run()). Namely, Upp application may freeze on line ExitLoopEvent().Wait() just after starting it on Windows XP. I've seen it by providing debug logging to the sources of Upp. Then I experimented and removed the line and the bug dissapeared. I don't see deeply in the internals of event loop of Upp, so I am not sure what the line is doing here at all. Is there anybody, who understands the issue and may provide some fix? The problem is appearing with my regular Upp applications also. It's sad, that Upp (or something below it?) has such an instability in the core of itself.
I'm attaching my testsuite that I've created to make the problem more frequent to see.
I also noticed that Ctrl::ProcessEvent and Ctrl::ProcessEvents have no GuiLock at the start of the methods in Windows version, but X11 version have ones. Is it OK? Can't it freeze the application while running? One of my customers is complaining that GUI of the Upp application, that we are developing for him, is freezeng occasionaly, but he can see that all the threads of the application behind GUI work fine in the situation (but the threads are written in Python, not in Upp).
I'm prepared to test the issue further with some instructions from you.
Thank you for your help.

Have a happy new year with this outstanding framework!

Gabi

File Attachments
1) kmedis.zip, downloaded 447 times