Subject: Re: GuiLock Example broken
Posted by masu on Mon, 24 Aug 2009 10:23:44 GMT
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Hi Koldo,

thank you for your investigation.

Implicit TLS (thread-local storage) that is used in U++ is not always supported, depending on Compiler and OS support.
It is declared by using __declspec(thread) var for MSC and __thread for GCC.

That is why you see problems with GUILock example since it depends on having sGLockLevel variable locally available in all threads which does not seem to be supported with dwarf-2 version.
AFAIK GuiMT example does not need to use thread-local variables, that is why it works.

I have the same problems with OpenBSD that is why I try to find a solution for systems (Compiler and OS combinations) that do not support implicit TLS.

Regards,
Matthias