Subject: U++ apps have very long startup time under Linux
Posted by cbpporter on Tue, 05 Aug 2008 10:42:19 GMT

I've been noticing lately that applications have very long start up time under Linux (over 6 seconds on powerfull machines; OpenOffice loads faster), even with NOGTK flag.

Has anybody else noticed this?

Subject: Re: U++ apps have very long startup time under Linux
Posted by mr_ped on Tue, 05 Aug 2008 11:19:08 GMT

No with console applications...
If I will try UWord, should I see the long startup? (I will try in couple of minutes, I'm just testing the Shiny profiler package right now under Kubuntu)

BTW, is it you who did install lot of fonts? I think that may be the cause too.

Subject: Re: U++ apps have very long startup time under Linux
Posted by cbpporter on Tue, 05 Aug 2008 11:21:31 GMT

Yes, UWord is a fine example of the problem and I'm the one who installed the fonts. Good hint!

Subject: Re: U++ apps have very long startup time under Linux
Posted by mr_ped on Tue, 05 Aug 2008 11:35:27 GMT

Tried UWord with GCC Optimal.

First "cold" start after compilation:
1.5~2sec until window has been shown (still considerably faster than OOo).
second "hot" start:
instant

So I think it's just your box. And I have very strong suspicion on the font number installed...

BTW, you may try to profile the startup with Shiny? I wonder whether it would do good job and return relevant results, but I think it may be very tedious to add those PROFILE_FUNC() macros on enough places in startup code. Although once inserted, I don't see a reason why the results would be not relevant.
(but it may take some time to run with profiling ON, for my console application it makes 45s run from 4s ... than again I hit the PROFILE macro during execution well over 80 million times...)

Subject: Re: U++ apps have very long startup time under Linux
Posted by cbpporter on Tue, 05 Aug 2008 12:09:39 GMT

Indeed, it was the fonts. I found out not by using the profiler, but by uninstalling them. I will investigate what U++ does with fonts that takes so much time.