
Subject: Re: CoWork::Finish() can wait in a worker thread while there are jobs to do
Posted by [mirek](#) on Fri, 16 Dec 2016 08:22:04 GMT

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I do not believe that 'jumping to higher priority' really helps (but depends on how you define priority...).

Realistically, I am going to keep it on the safe side here. I think that eventual benefit from 'global jobs' is really small and dangers of really unexpected behavior are high. Really, think when the Finish would really go to perform global job: It is when all of its CoWork jobs are spend, means it is waiting for workers to finish the last pieces of work. That should be quite short periods of time.

BTW, here is some reading:

<https://software.intel.com/en-us/blogs/2010/12/09/tbb-scheduler-clandestine-evolution>

(however, that thing seems a bit overengineered to me, but I believe it illustrates some points)

All that said, are you solving the real problem (in your code), or just poking around CoWork sources?
