Subject: Re: Ide MT
Posted by raxvan on Wed, 16 Feb 2011 13:08:39 GMT

mirek wrote on Wed, 16 February 2011 12:50raxvan wrote on Wed, 16 February 2011 06:30mirek wrote on Wed, 16 February 2011 11:11
Problem is, with MT and CoWork, there is absolutely no guarantee that it will run in separate thread...

If you really feel like you absolutely need to run something in separate thread, then create Thread and start it

Ow , i had no idea about that. Perhaps CoWork should always run tasks in a separate thread. Initially i was going to use a Thread but i found out that CoWork was much easier to use.

The idea there is CoWork is 'optimized optimization' to fully exploit all cores.

E.g. it only starts limited number of worker threads per application and those never finish (until app exit). Then assigns pieces of work to them as needed.

If you would use CoWork just to run a thread in parallel on more places in the app, it can easilly happen that there will be no threads available.

Mirek
A thread pool fits perfectly for a variety of use cases. I don't think there will be a problem using a CoWork in a lot of places, as long as the size limitation of the queue is removed. I can see from the implementation the limit is caped to 128 and after that the job will run on the requesting thread.

I used CoWork in the idea that in the future this will be used in some other places two, avoiding thread spamming.

Raxvan.