Subject: Re: CoWork and shared memory
Posted by mirek on Fri, 24 Feb 2012 12:52:29 GMT

peek wrote on Fri, 24 February 2012 07:04Great , I understand.

One question: This way it would be better to use CoWork instead of Thread because CoWork always tries to run in all available cores but Thread only runs in actual core?.

Ah, the answer is a bit more complicated. CoWork actually uses thread pool - it creates a couple of threads (number of logical CPU cores + 2) the first time it is used and then uses all these threads to execute everything in parallel. So you are at least saved thread creation/destruction costs. Plus, it uses the very same pool for any nested looping (you can use another CoWork loop nested with within). Actually, it does not even have to be a loop, simply what you run with CoWork will possibly run in parallel and you can be sure that at CoWork destructor, all is finished. The order of running those tasks is of course unspecified.