
Subject: Re: Core 2019

Posted by [Novo](#) on Fri, 07 Jun 2019 21:00:17 GMT

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mirek wrote on Fri, 07 June 2019 12:01 Novo wrote on Fri, 07 June 2019 17:51 Thanks a lot!

One of my data-intensive MT apps is running ~20% faster now.
It looks like it is using 4 to 6 times more RAM.

How do you measure it?

The new thing is that we now allocate 224MB chunks of `_address space_`. So virtual memory is way up, but that is not what physical memory use is....

I'm using old-fashioned top (a Linux tool). I was looking at %MEM and at RES.

To be precise, the difference is ~2.75 times and not 4 or 6 times as I mentioned before.

I measured the same app compiled against git:40cd0fd5e (svn://ultimatepp.org/upp/trunk@13354) and git: 8e0f32d6262 (svn://ultimatepp.org/upp/trunk@13368)

With the old allocator I was getting 0.8% RAM max (~260Mb). The app was running for 292 s.

With the new one I got 2.2% RAM max (~714Mb). Now it takes 230 s. to run it. This is one minute less, and that is cool.

A singly-threaded version of the same app has improved a little bit as well: 2428.33 s. vs 2491.37 s.

The difference is ~2.5%
