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Subject: Re: Core 2019

Posted by [Novo](#) on Fri, 21 Jun 2019 03:43:00 GMT

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Update.

I changed my app. Now it is doing a bunch of string manipulations (mostly concatenations)

Results:

U++:

time: 234s, mem is growing to 4.4Gb and it is not going down till the very end.

glibc:

Default settings (8-core CPU, CoWork pool has 18 threads):

time: 239s, mem max is 6.5Gb down to 3.6Gb

export MALLOC\_ARENA\_MAX=16

time: 239s, mem max is 4.2Gb down to 2.8Gb

export MALLOC\_ARENA\_MAX=8

time: 244s, mem max is 4.0Gb down to 1.3Gb

Conclusion:

glibc allocator is more efficient with a little bit of manual tuning. Difference in performance is not that significant. Cannot tell anything about Windows.

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