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test-mutex_hags-on

wsl testing on Ubuntu 20.04 via the Phoronix Test Suite.

Test Systems:

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Processor: AMD Ryzen 9 5900X 12-Core (12 Cores / 24 Threads), Memory: 52GB, Disk: 2 x 275GB Virtual Disk

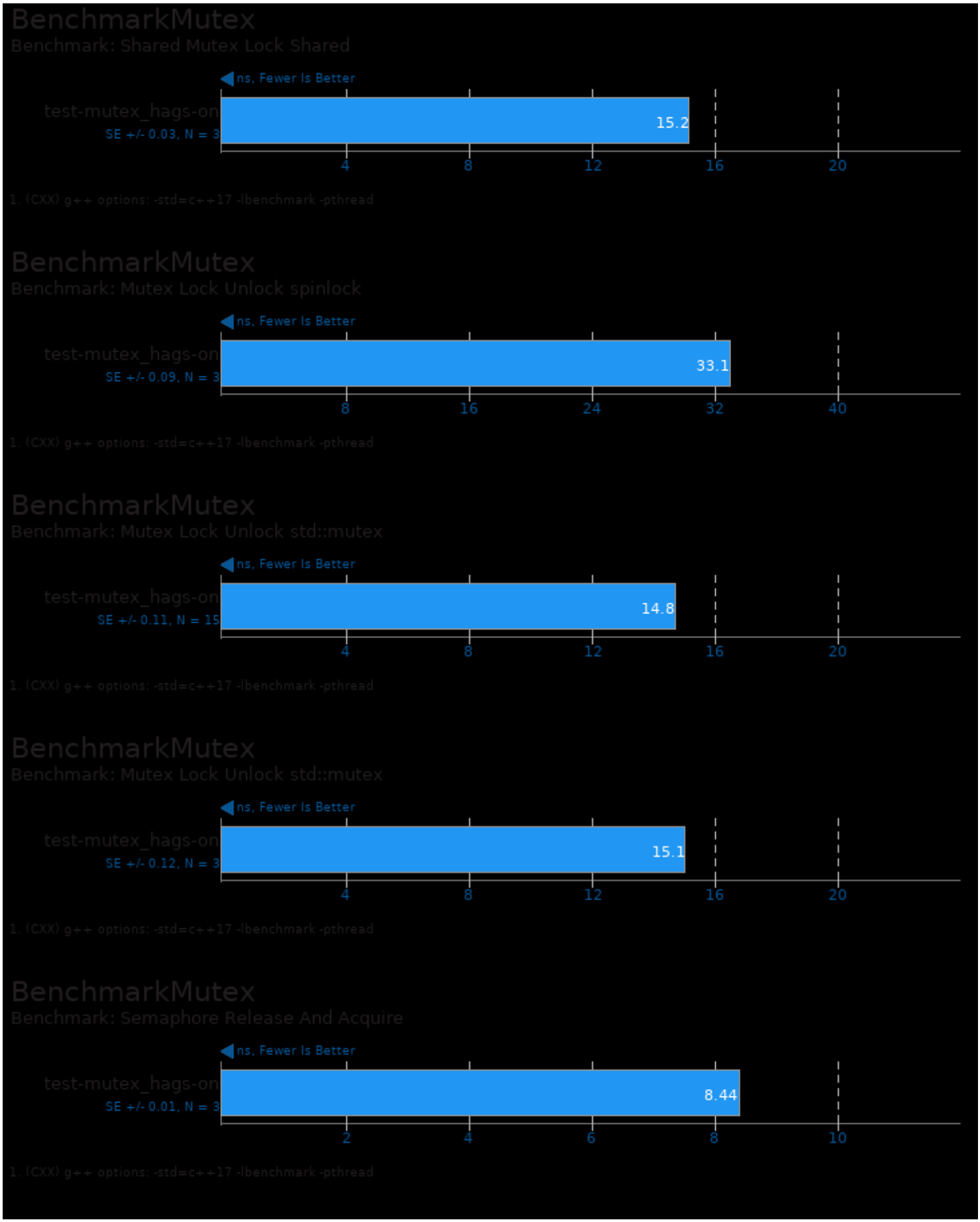
OS: Ubuntu 20.04, Kernel: 5.4.72-microsoft-standard-WSL2 (x86_64), Display Server: X Server, Compiler: GCC 9.3.0, File-System: ext4, System Layer: wsl

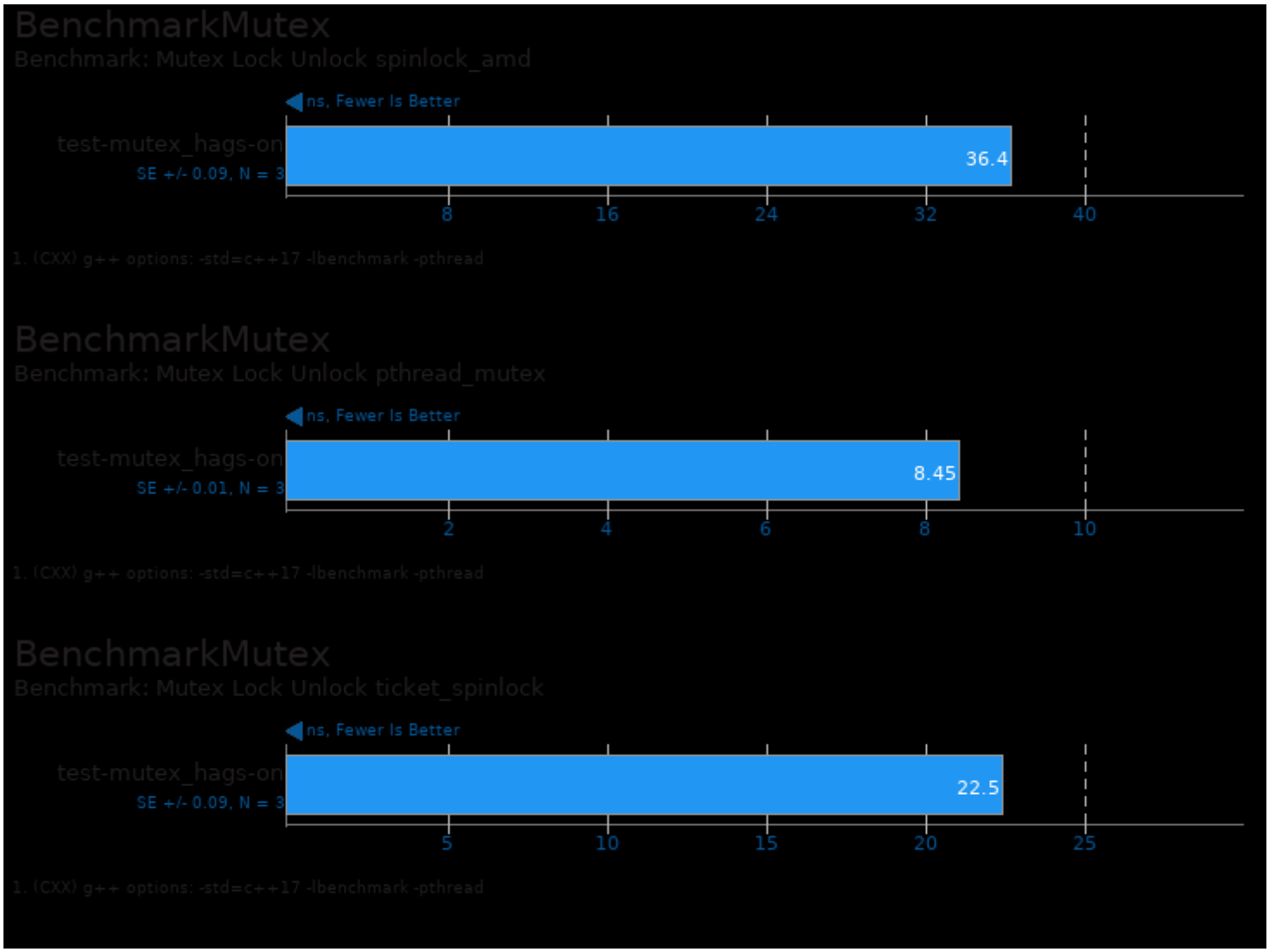
Kernel Notes: Transparent Huge Pages: always
Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++,gm2 --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none=/build/gcc-9-HskZEa/gcc-9-9.3.0/debian/tmp-nvptx/usr,hsa --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --program-prefix=x86_64-linux-gnu- --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-default-libstdcxx-abi=new --with-gcc-major-version-only --with-multilib-list=m32,m64,mx32 --with-target-system-zlib=auto --with-tune=generic --without-cuda-driver -v
Processor Notes: CPU Microcode: 0xffffffff
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Vulnerable + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional IBRS_FW STIBP: conditional RSB filling + srbds: Not affected + tsx_async_abort: Not affected

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BenchmarkMutex - S.M.L.S (ns)	15.2
Standard Deviation	0.4%
BenchmarkMutex - M.L.U.s (ns)	33.1
Standard Deviation	0.5%
BenchmarkMutex - M.L.U.s.m (ns)	14.8
Standard Deviation	2.9%
BenchmarkMutex - M.L.U.s.m (ns)	15.1
Standard Deviation	1.3%
BenchmarkMutex - S.R.A.A (ns)	8.44
Standard Deviation	0.3%
BenchmarkMutex - M.L.U.s (ns)	36.4
Standard Deviation	0.4%
BenchmarkMutex - M.L.U.p (ns)	8.45
Standard Deviation	0.2%
BenchmarkMutex - M.L.U.t (ns)	22.5
Standard Deviation	0.7%

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 05:18.