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virgl-gentoo-guest-debug-fixed-2

Virgl testing

Automated Executive Summary

async-cmd-fixed-3 had the most wins, coming in first place for 75% of the tests.

Based on the geometric mean of all complete results, the fastest (async-cmd-fixed-3) was 1.004x the speed of the slowest (virgl async command stream submission).

Test Systems:

virgl async command stream submission

Processor: 8 x QEMU Virtual 2.5+ (8 Cores), Motherboard: QEMU Standard PC (Q35 + ICH9 2009) (rel-1.14.0-0-g155821a1990b-prebuilt.qemu.org BIOS), Chipset: Intel 82G33/G31/P35/P31 + ICH9, Memory: 32GB, Disk: 97GB, Graphics: virgl 12288GB, Audio: Intel 82801I, Monitor: QEMU Monitor, Network: Red Hat Virtio device

OS: Gentoo/Linux, Kernel: 5.15.11-gentoo-x86_64 (x86_64), Display Server: X Server 1.20.14, OpenGL: 4.3 Mesa 22.0.0-devel (git-4565cb50c5) (LLVM 13.0.0 D...), Compiler: GCC 11.2.0 + LLVM 13.0.0, File-System: ext4, Screen Resolution: 1024x768, System Layer: QEMU

Processor Notes: CPU Microcode: 0x1000065
Python Notes: Python 3.9.9
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Not affected + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline STIBP: disabled RSB filling + srbds: Not affected + tsx_async_abort: Not affected

async-cmd-fixed-3

Processor: 8 x QEMU Virtual 2.5+ (8 Cores), Motherboard: QEMU Standard PC (Q35 + ICH9 2009) (rel-1.14.0-0-g155821a1990b-prebuilt.qemu.org BIOS), Chipset: Intel 82G33/G31/P35/P31 + ICH9, Memory: 32GB, Disk: 97GB, Graphics: virgl 12288GB, Audio: Intel 82801I, Monitor: QEMU Monitor, Network: Red Hat Virtio device

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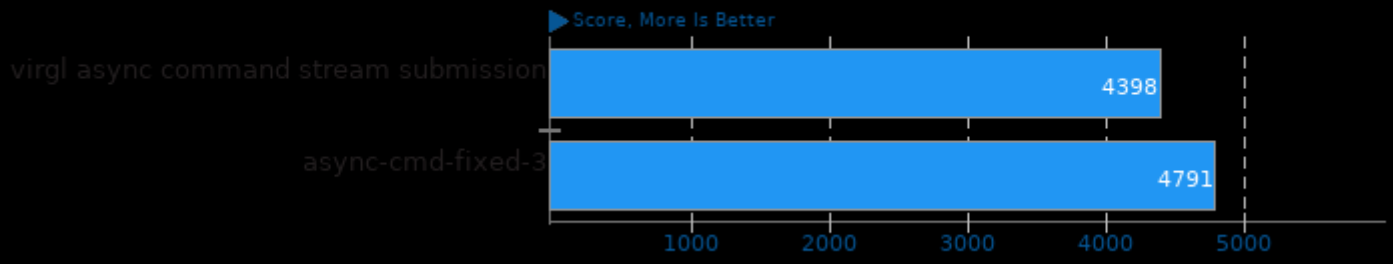
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	virgl async command stream submission	async-cmd-fixed-3
GLmark2 - 1024 x 768 (Score)	**4398**	**4791**
Normalized	91.8%	100%
GpuTest - 1024 x 768 - Fullscreen (Points)	**11710**	**11753**
Normalized	99.63%	100%
Standard Deviation	0.2%	0%
OpenArena - 1024 x 768 (FPS)		308.7
Standard Deviation		1.5%
Unigine Heaven - 1024 x 768 - Fullscreen - OpenGL (FPS)	**220.743**	**216.250**
Normalized	100%	97.96%
Standard Deviation	0.3%	1.1%
Unigine Sanctuary - 1024 x 768 - Fullscreen (FPS)	**228.877**	**216.323**
Normalized	100%	94.51%
Standard Deviation	11.4%	14.3%
Unigine Tropics - 1024 x 768 - Fullscreen (FPS)	**222.104**	**224.204**
Normalized	99.06%	100%
Standard Deviation	3.9%	4.9%
Unigine Valley - 1024 x 768 - Fullscreen - OpenGL	**179.288**	**180.911**
Normalized	99.1%	100%
Standard Deviation	2.4%	1.5%
Xonotic - 1024 x 768 - Ultimate (FPS)	**245.8750232**	**245.9273899**
Normalized	99.98%	100%
Standard Deviation	1.7%	0.2%

virgl-gentoo-guest-debug-fixed-2

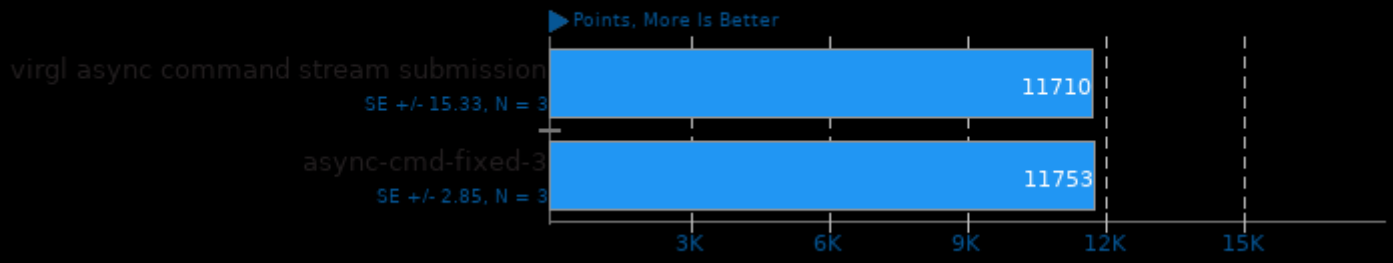
GLmark2 2021.08.30

Resolution: 1024 x 768



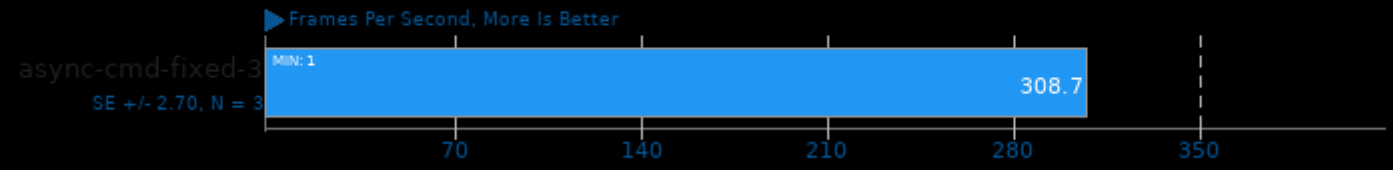
GpuTest 0.7.0

Resolution: 1024 x 768 - Mode: Fullscreen



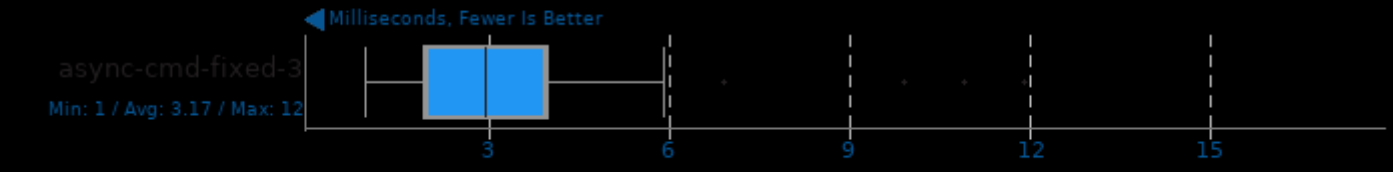
OpenArena 0.8.8

Resolution: 1024 x 768



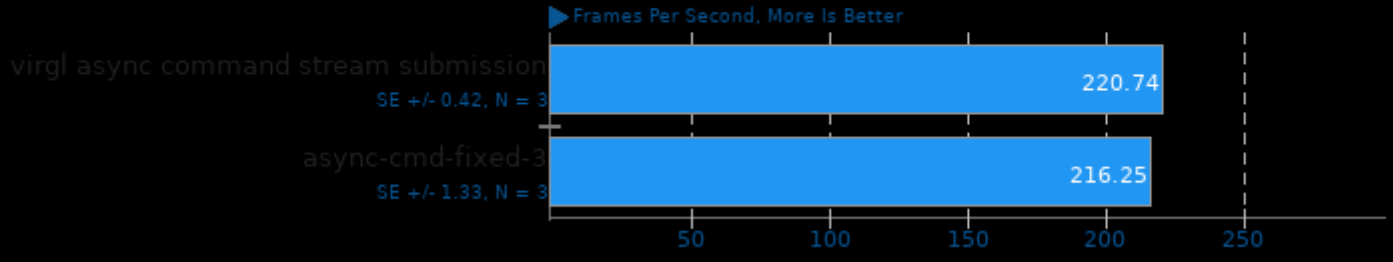
OpenArena 0.8.8

Resolution: 1024 x 768 - Total Frame Time

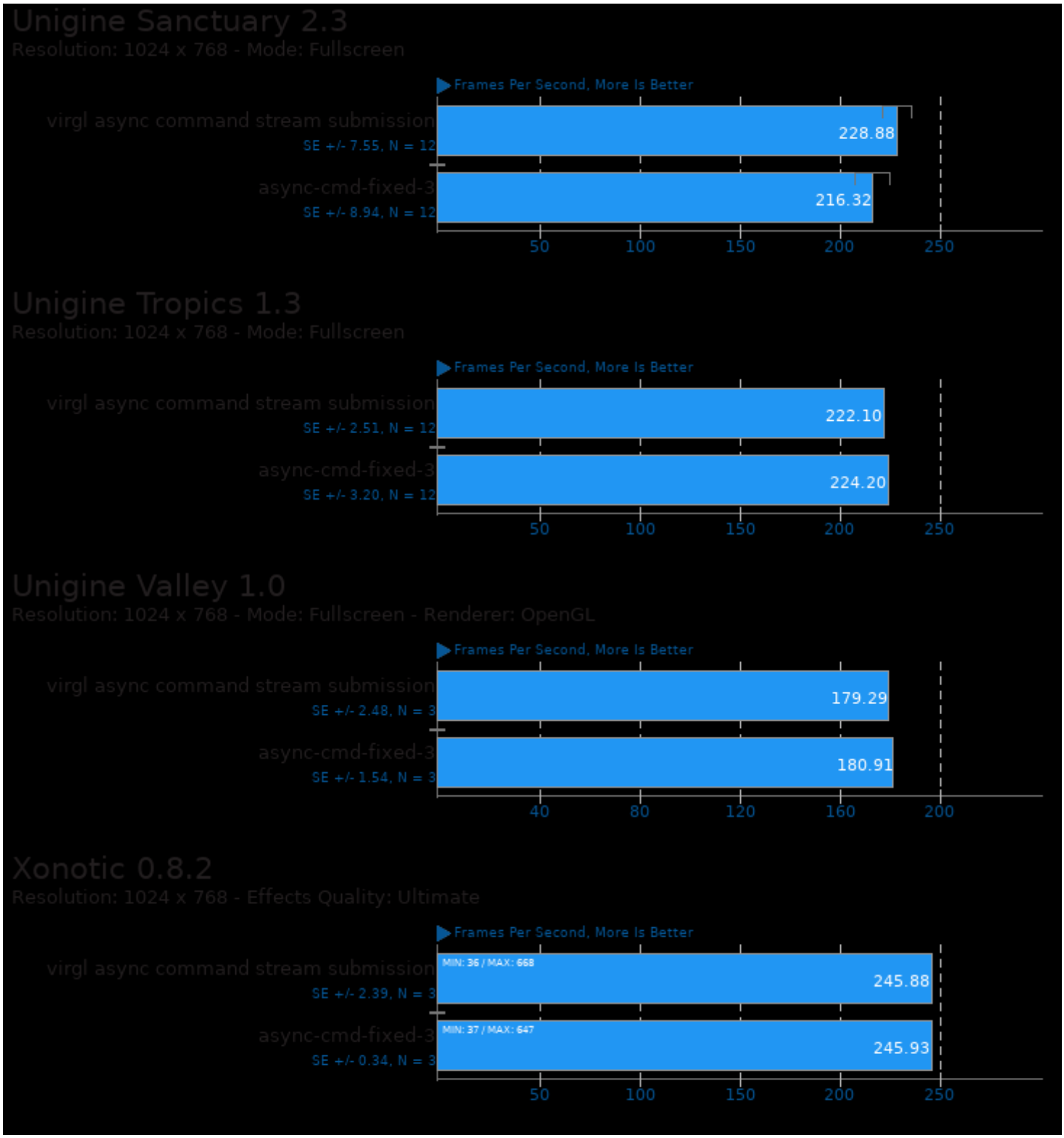


Unigine Heaven 4.0

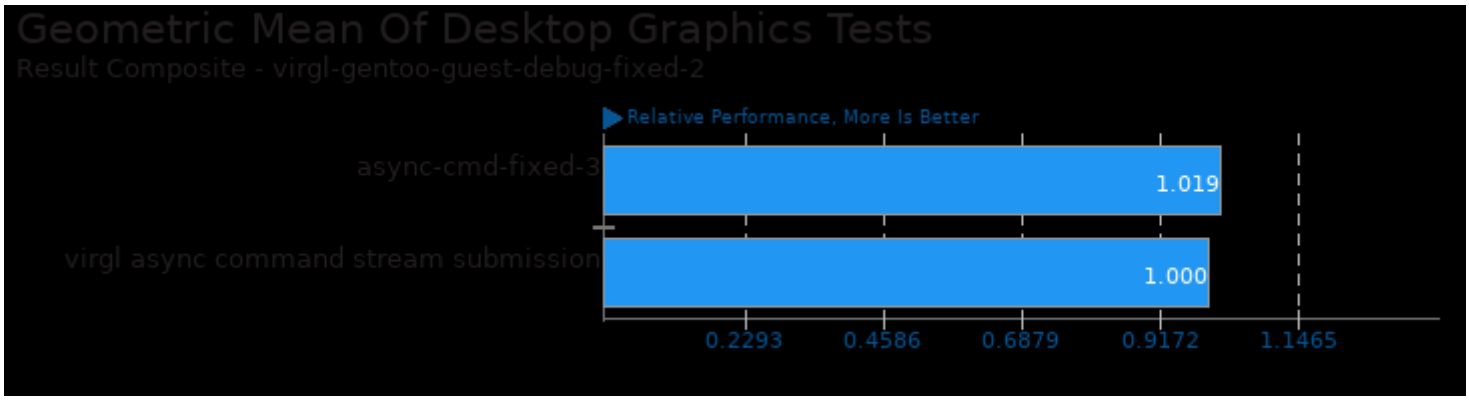
Resolution: 1024 x 768 - Mode: Fullscreen - Renderer: OpenGL



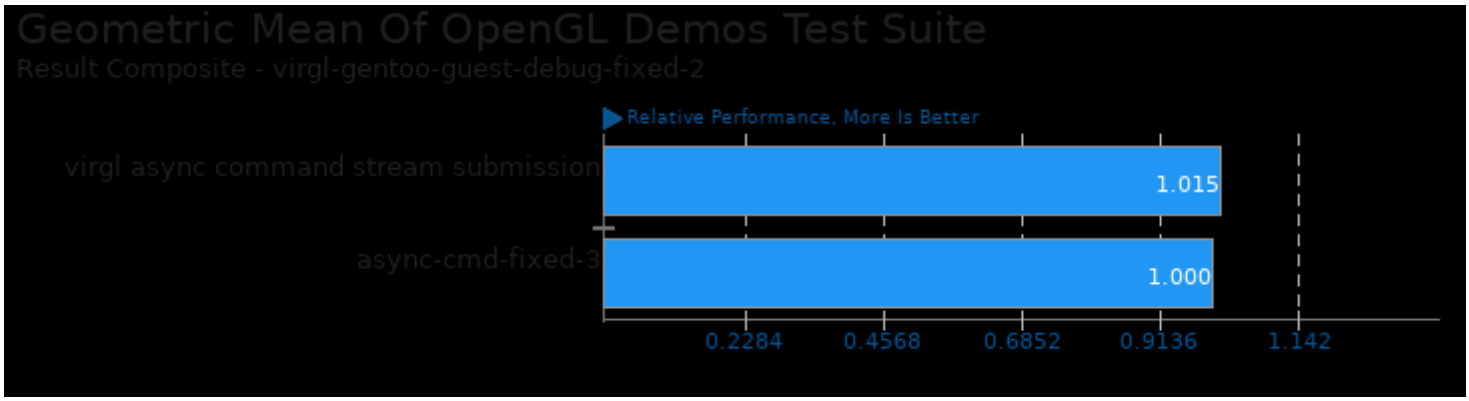
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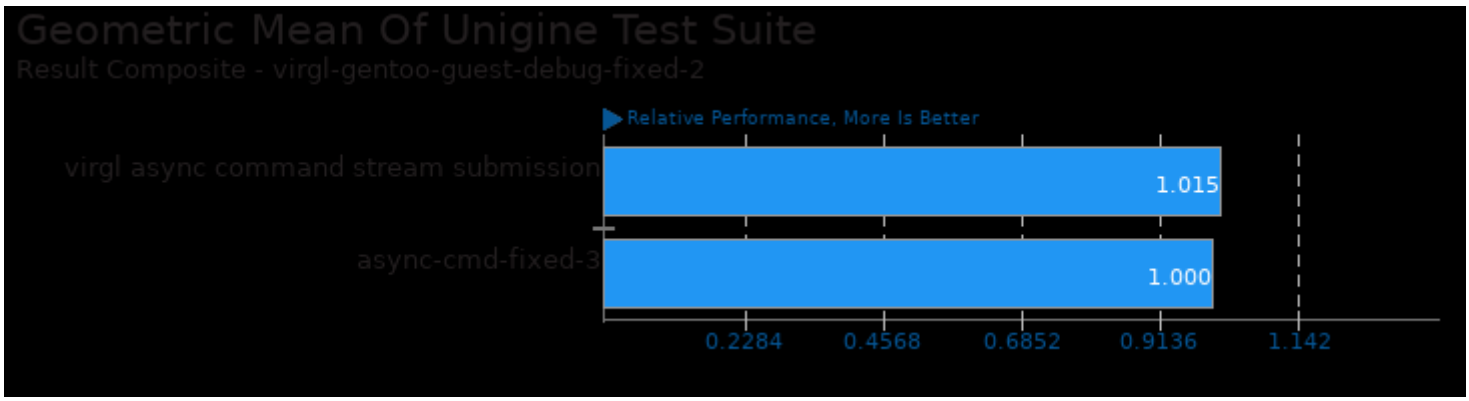
These geometric means are based upon test groupings / test suites for this result file.



Geometric mean based upon tests: pts/xonotic, pts/openarena, pts/unigine-valley, pts/unigine-heaven and pts/glmark2



Geometric mean based upon tests: pts/unigine-valley, pts/unigine-heaven, pts/unigine-sanctuary and pts/unigine-tropics



Geometric mean based upon tests: pts/unigine-valley, pts/unigine-heaven, pts/unigine-sanctuary and pts/unigine-tropics

This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 11:37.