

Performance Regressions - Execution Time	Δ	Previous	Current	σ
MultiSource/Benchmarks/Ptrdist/anagram/anagram <small>Text</small>	3.36%	0.8031	0.8301	0.0010
SingleSource/Benchmarks/Misc/ReedSolomon	2.25%	4.1176	4.2103	0.0017
MultiSource/Benchmarks/TSVC/ControlFlow-flt/ControlFlow-flt	2.25%	2.7866	2.8492	0.0012
MultiSource/Applications/sqlite3/sqlite3	2.08%	3.3154	3.3843	0.0196
External/SPEC/CINT2000/181_mcf/181_mcf	1.09%	4.2871	4.3340	0.0055
Performance Improvements - Execution Time	Δ	Previous	Current	σ
MultiSource/Benchmarks/TSVC/ControlLoops-flt/ControlLoops-flt	-60.82%	4.9585	1.9428	0.0014
SingleSource/Benchmarks/Misc/dt	-49.73%	1.7413	0.8753	0.0026
SingleSource/UnitTests/Vectorizer/gcc-loops	-44.03%	7.9512	4.4499	0.2857
SingleSource/Benchmarks/Misc/fp-convert	-43.22%	2.2660	1.2867	0.0000
SingleSource/Benchmarks/Polybench/linear-algebra/kernels/trisolv/trisolv	-39.15%	0.1313	0.0799	0.0001
SingleSource/Benchmarks/Polybench/linear-algebra/kernels/atax/atax	-33.27%	0.1551	0.1035	0.0003
MultiSource/Benchmarks/TSVC/GlobalDataFlow-flt/GlobalDataFlow-flt	-30.58%	6.0411	4.1940	0.0015
SingleSource/Benchmarks/Polybench/linear-algebra/kernels/bicg/bicg	-30.23%	0.1707	0.1191	0.0002
SingleSource/Benchmarks/Polybench/linear-algebra/kernels/gemver/gemver	-25.69%	0.3600	0.2675	0.0023
MultiSource/Benchmarks/TSVC/CrossingThresholds-flt/CrossingThresholds-flt	-21.37%	3.0586	2.4049	0.0025
MultiSource/Benchmarks/TSVC/ControlLoops-dbl/ControlLoops-dbl	-21.14%	3.4212	2.6980	0.0036
MultiSource/Benchmarks/TSVC/Equivalencing-flt/Equivalencing-flt	-20.77%	1.4756	1.1691	0.0011
MultiSource/Benchmarks/TSVC/GlobalDataFlow-dbl/GlobalDataFlow-dbl	-20.00%	6.7056	5.3643	0.0082
SingleSource/Benchmarks/Polybench/linear-algebra/kernels/mvt/mvt	-18.57%	0.3086	0.2513	0.0037
MultiSource/Benchmarks/TSVC/Expansion-flt/Expansion-flt	-17.70%	2.6449	2.1767	0.0039
MultiSource/Benchmarks/TSVC/Symbolics-flt/Symbolics-flt	-14.48%	2.2917	1.9599	0.0021
MultiSource/Applications/oggenc/oggenc	-10.82%	0.0970	0.0865	0.0002
MultiSource/Benchmarks/TSVC/LoopRerolling-flt/LoopRerolling-flt	-9.98%	2.8271	2.5450	0.0012
MultiSource/Benchmarks/TSVC/LinearDependence-flt/LinearDependence-flt	-9.57%	2.6890	2.4316	0.0013
MultiSource/Benchmarks/Trimaran/enc-rc4/enc-rc4	-8.97%	0.7783	0.7085	0.0004
MultiSource/Benchmarks/TSVC/CrossingThresholds-dbl/CrossingThresholds-dbl	-8.73%	3.3710	3.0767	0.0045
MultiSource/Benchmarks/Trimaran/enc-pc1/enc-pc1	-7.43%	0.7616	0.7050	0.0001
MultiSource/Benchmarks/TSVC/Equivalencing-dbl/Equivalencing-dbl	-6.71%	1.8314	1.7086	0.0044
MultiSource/Benchmarks/TSVC/Expansion-dbl/Expansion-dbl	-5.87%	3.2498	3.0589	0.0078
SingleSource/Benchmarks/Polybench/linear-algebra/kernels/cholesky/cholesky	-5.43%	1.0680	1.0100	0.0035
MultiSource/Benchmarks/TSVC/LoopRerolling-dbl/LoopRerolling-dbl	-5.18%	3.3997	3.2235	0.0096
SingleSource/Benchmarks/Polybench/stencils/seidel-2d/seidel-2d	-3.33%	1.0633	1.0279	0.0027
MultiSource/Benchmarks/TSVC/LinearDependence-dbl/LinearDependence-dbl	-3.17%	3.0482	2.9516	0.0058
External/SPEC/CINT2000/164_gzip/164_gzip	-2.05%	8.1728	8.0054	0.0020
SingleSource/Benchmarks/Polybench/medley/floyd-warshall/floyd-warshall	-2.00%	1.7955	1.7596	0.0074
External/SPEC/CINT2000/253_perlbmk/253_perlbmk	-1.87%	5.3238	5.2242	0.0257
MultiSource/Benchmarks/nbench/nbench	-1.30%	8.9369	8.8208	0.0021
SingleSource/Benchmarks/Polybench/linear-algebra/kernels/syrk/syrk	-1.28%	2.3504	2.3203	0.0047
MultiSource/Benchmarks/TSVC/LoopRestructuring-flt/LoopRestructuring-flt	-1.22%	2.6777	2.6450	0.0004
SingleSource/Benchmarks/Polybench/linear-algebra/kernels/syr2k/syr2k	-1.07%	3.4707	3.4334	0.0050