

Text sizes are in bytes. It is computed as the sum of size for named sections with address and without write permission.

The % column is computed as $(\$2 / \$3 - 1) * 100$

'+' value means column3 is a improvement with column2 as the base.

'-' value means column3 is a degradation with column2 as the base.

>+5% is marked with **green** and <-5% is marked with **red**.

Instrumented LLVM (release build)

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benchmark                w/o preinline    w/ preinline    text reduction%  
clang-3.9                 111299677       77728666       +43.19%
```

Google internal benchmark

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benchmark                w/o preinline    w/ preinline    text reduction%  
C++_benchmark01         344365198       321656265       +7.06%  
C++_benchmark02         156570644       127979928       +22.34%  
C++_benchmark03         238494603       207729817       +14.81%  
C++_benchmark04         711446228       672126809       +5.85%  
C++_benchmark05         654116966       589294563       +11.00%  
C++_benchmark06         12881043        10157750        +26.81%  
C++_benchmark07         12881043        10157750        +26.81%  
C++_benchmark08         12881043        10157750        +26.81%  
C_benchmark09           20819920        20158714        +3.28%  
C_benchmark10           20819920        20158714        +3.28%  
C++_benchmark11         11773148        9614657         +22.45%  
C++_benchmark12         282007812       229853950       +22.69%  
C++_benchmark14         286815160       233886618       +22.63%  
C_benchmark15           4568837         4214016         +8.42%  
C++_benchmark16         91399370        72241044        +26.52%  
C++_benchmark17         175320887       150554647       +16.45%  
C++_benchmark18         175320887       150554647       +16.45%  
C++_benchmark19         358592795       331661852       +8.12%  
C++_benchmark20         15362829        11887054        +29.24%  
C_benchmark21           2861549         2532568         +12.99%  
C++_benchmark22         11654159        9519038         +22.43%
```

SPEC2006 C and C++ programs

benchmark	w/o preinline	w/ preinline	text reduction%
433.milc (C)	153903	153826	+0.05%
444.namd (C++)	329567	328155	+0.43%
447.dealII (C++)	4688048	3912249	+19.83%
450.soplex (C++)	547569	462161	+18.48%
453.povray (C++)	1193802	1153989	+3.45%
470.lbm (C)	27937	27856	+0.29%
482.sphinx3 (C)	209700	207664	+0.98%
400.perlbench (C)	1353744	1331507	+1.67%
401.bzip2 (C)	92698	101320	-8.51%
403.gcc (C)	4378109	4353295	+0.57%
429.mcf (C)	29721	29514	+0.70%
445.gobmk (C)	1564935	1559010	+0.38%
456.hmmer (C)	345031	343656	+0.40%
458.sjeng (C)	166893	166776	+0.07%
462.libquantum (C)	62632	61615	+1.65%
464.h264ref (C)	692294	691395	+0.13%
471.omnetpp (C++)	844236	809663	+4.27%
473.astar (C++)	60300	57565	+4.75%
483.xalanbmk (C++)	5953089	5259841	+13.18%