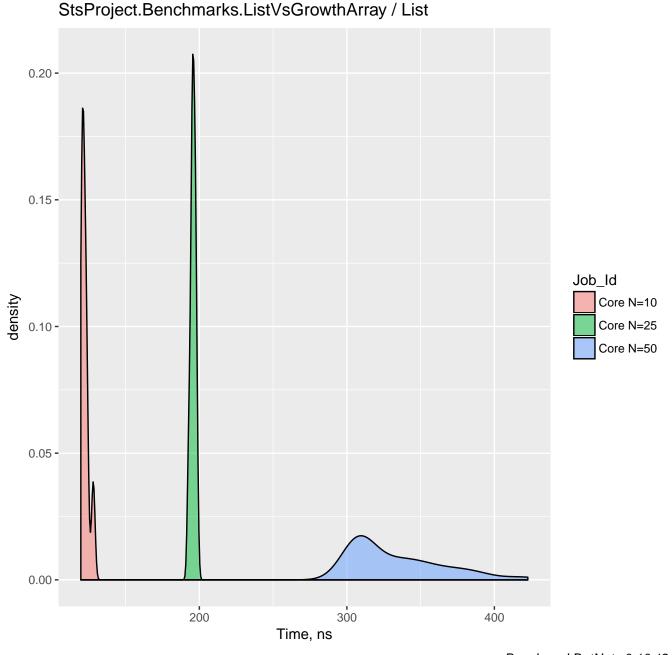


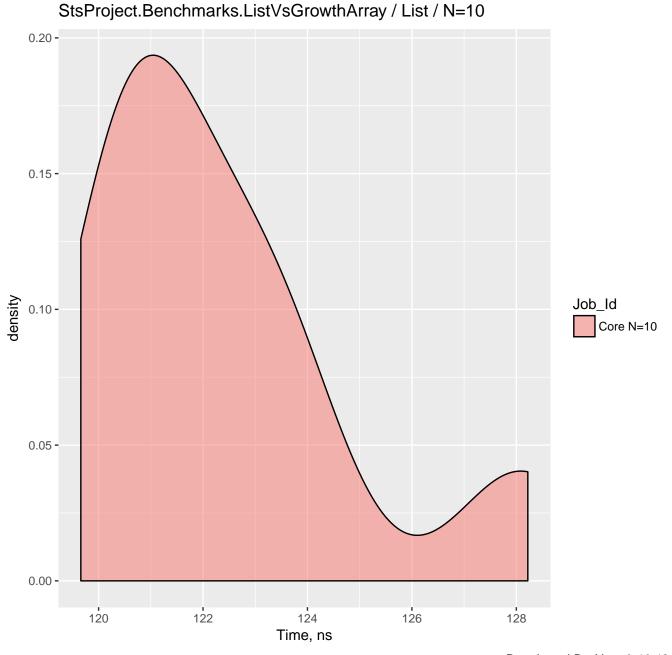
BenchmarkDotNet v0.10.12



BenchmarkDotNet v0.10.12

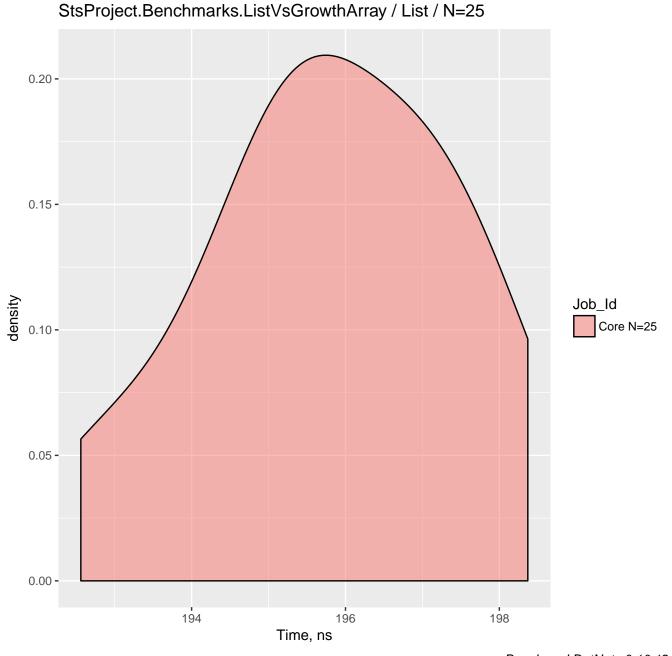
StsProject.Benchmarks.ListVsGrowthArray / List Core N=10 Core N=25 Core N=50 0.20 -0.15 -Job_ld density Core N=10 0.10 -Core N=25 Core N=50 0.05 -0.00 -200 400 200 400 300 400 200 300 300 Time, ns

BenchmarkDotNet v0.10.12



BenchmarkDotNet v0.10.12

 $StsProject. Benchmarks. ListVsGrowthArray \ / \ List \ / \ N=10$ Core N=10 0.20 -0.15 density Job_ld Core N=10 0.05 -0.00 -120 126 128 122 124 Time, ns

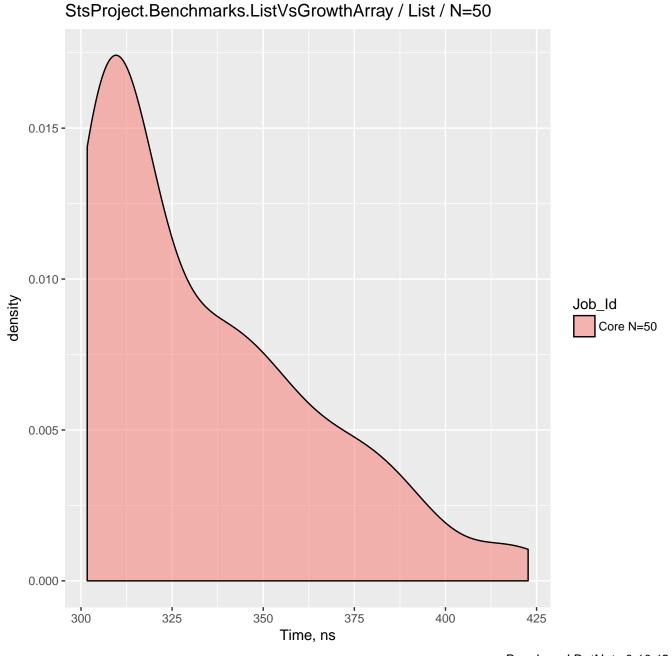


BenchmarkDotNet v0.10.12

 $StsProject. Benchmarks. ListVsGrowthArray \ / \ List \ / \ N=25$ Core N=25 0.20 -0.15 density Job_ld Core N=25 0.10 -0.05 -0.00 -196 198 194

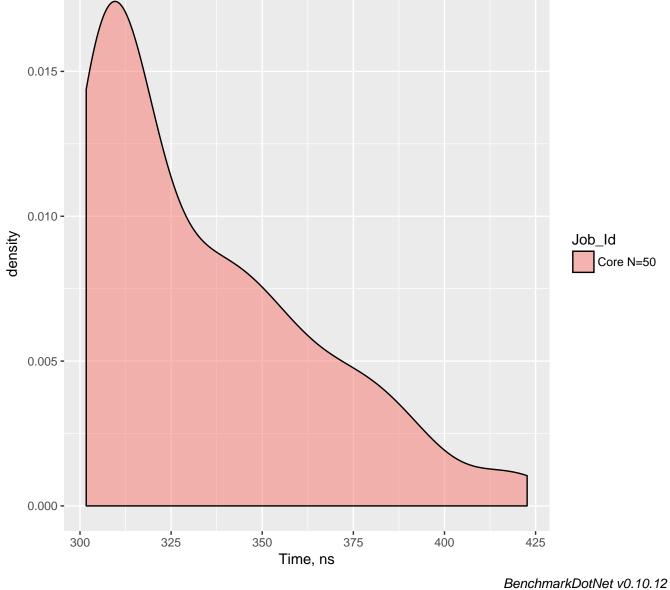
Time, ns

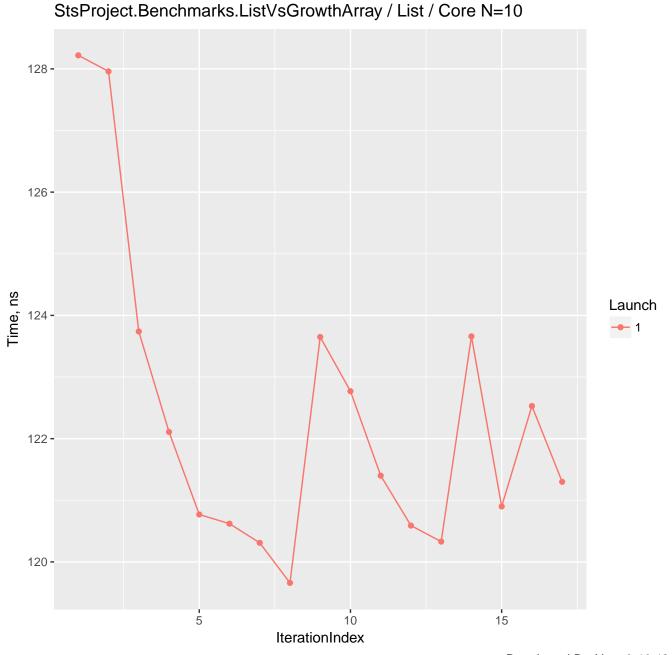
BenchmarkDotNet v0.10.12



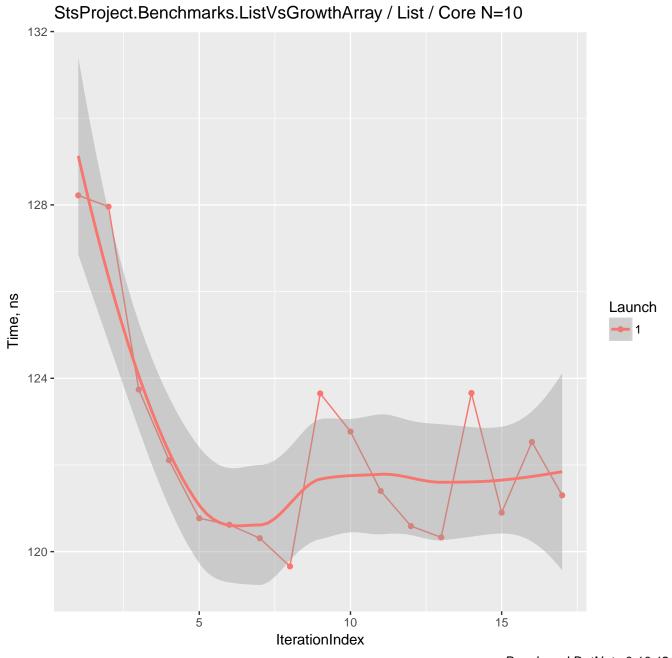
BenchmarkDotNet v0.10.12

 $StsProject. Benchmarks. ListVsGrowthArray \ / \ List \ / \ N=50$ Core N=50 Job_Id Core N=50

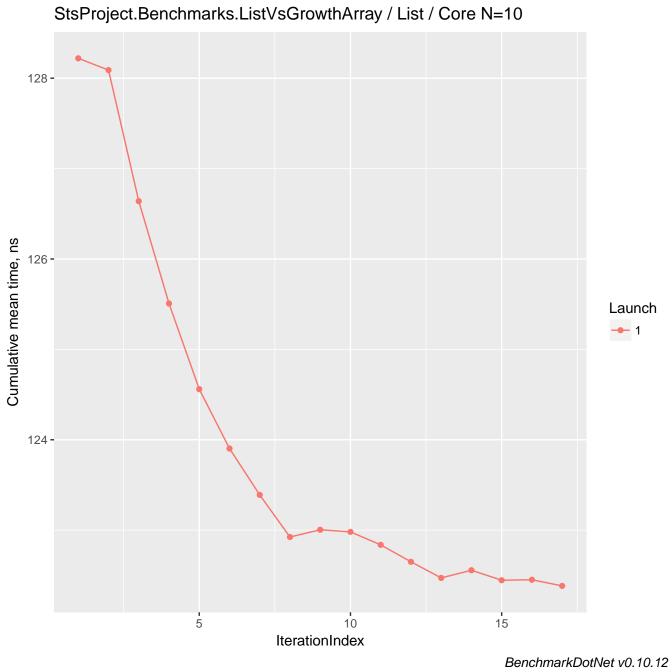


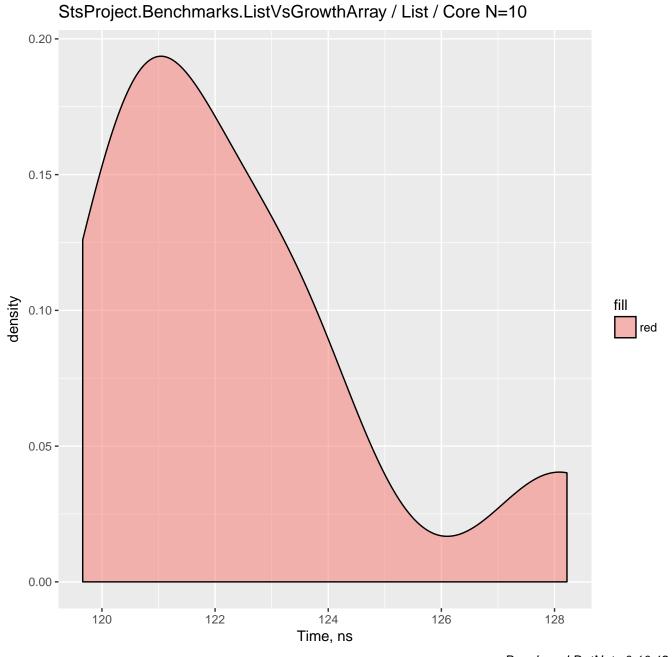


BenchmarkDotNet v0.10.12

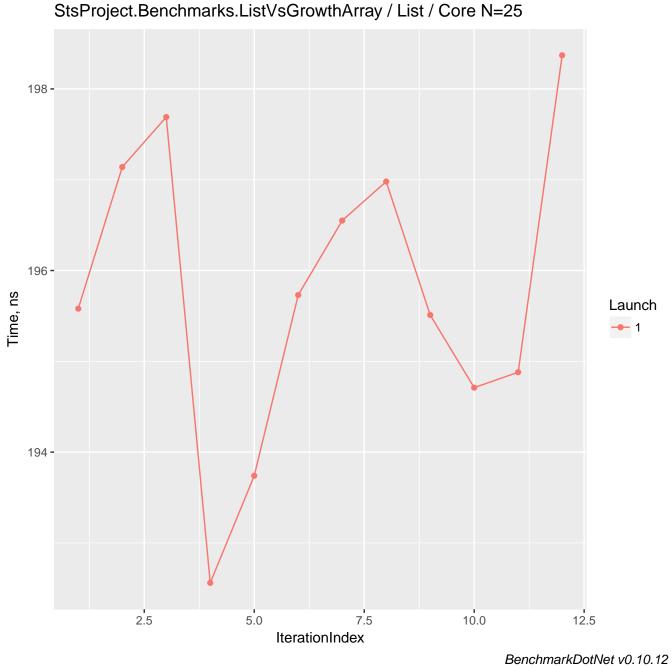


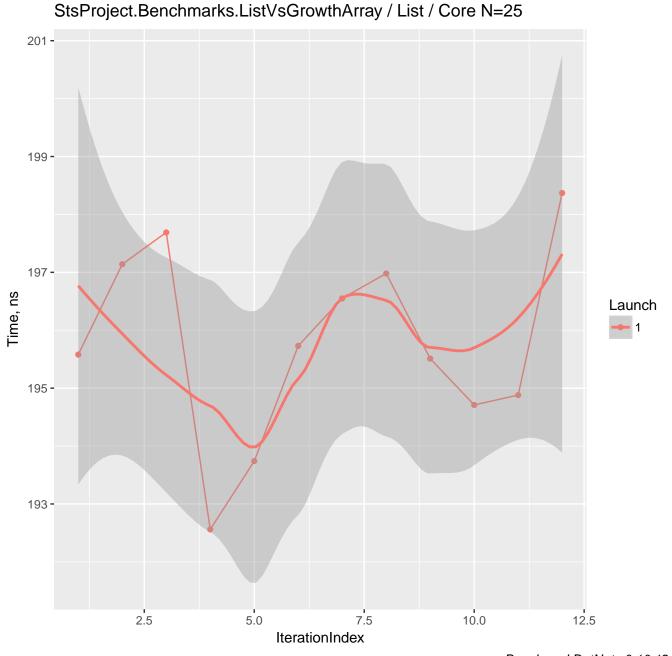
BenchmarkDotNet v0.10.12



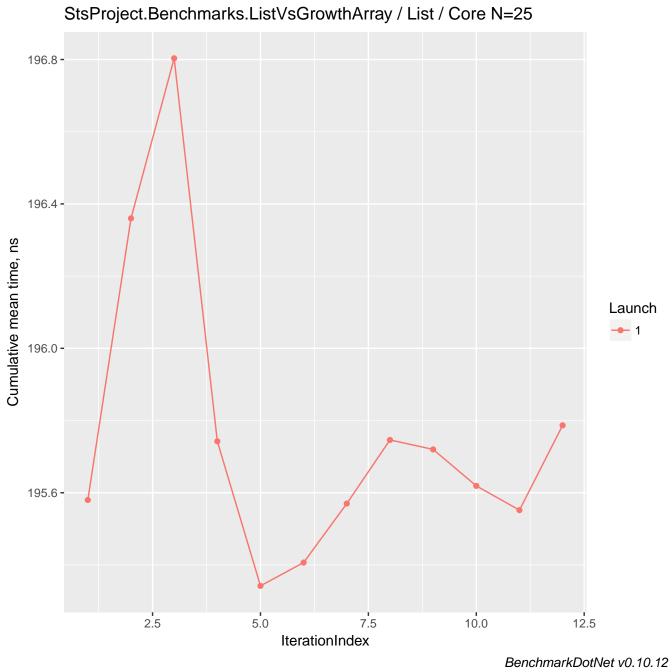


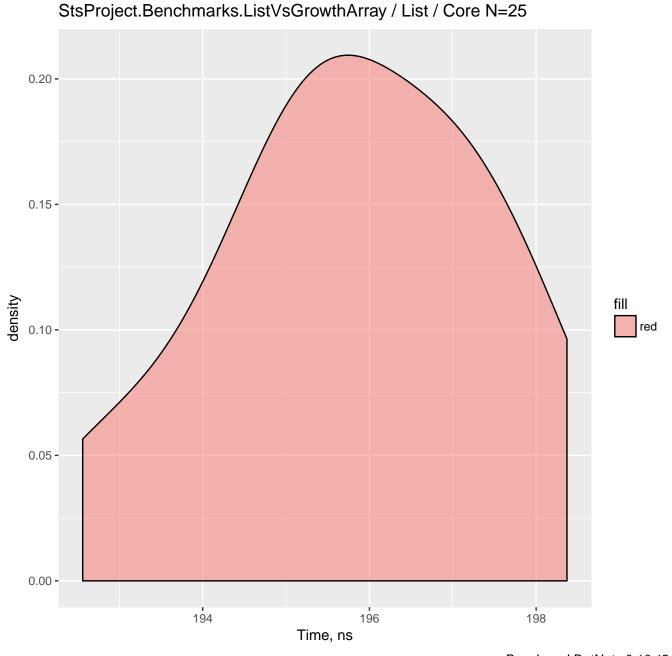
BenchmarkDotNet v0.10.12



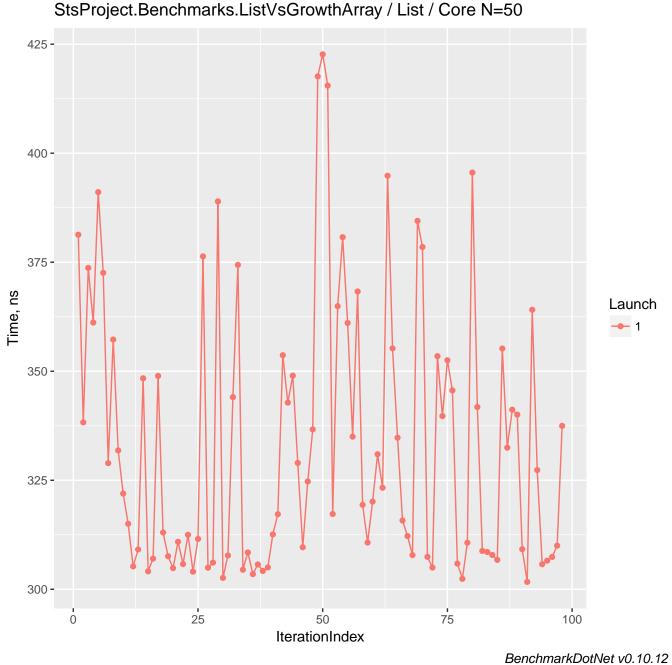


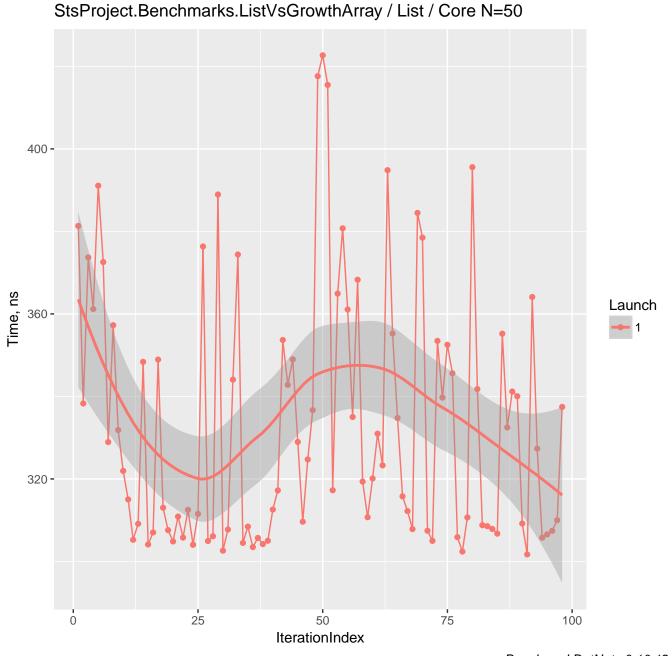
BenchmarkDotNet v0.10.12



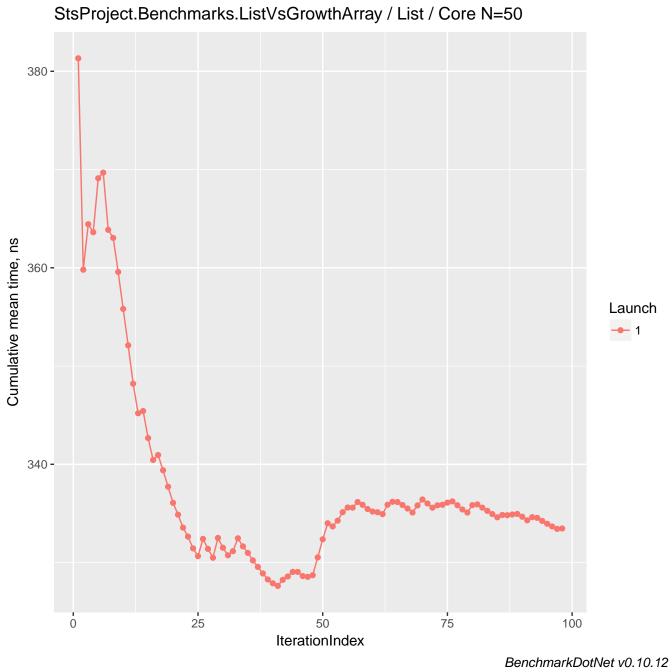


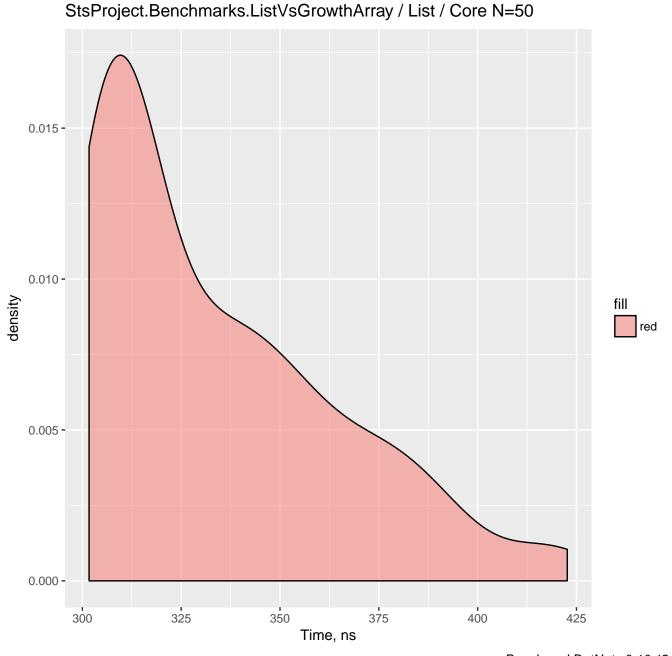
BenchmarkDotNet v0.10.12





BenchmarkDotNet v0.10.12





BenchmarkDotNet v0.10.12

StsProject.Benchmarks.ListVsGrowthArray / List Core N=10 Core N=25 Core N=50 400 -300 -Time, ns Launch 200 -0 25 50 7₅ 25 50 25 50 **7**5 100 0 **7**5 100 0 100 IterationIndex

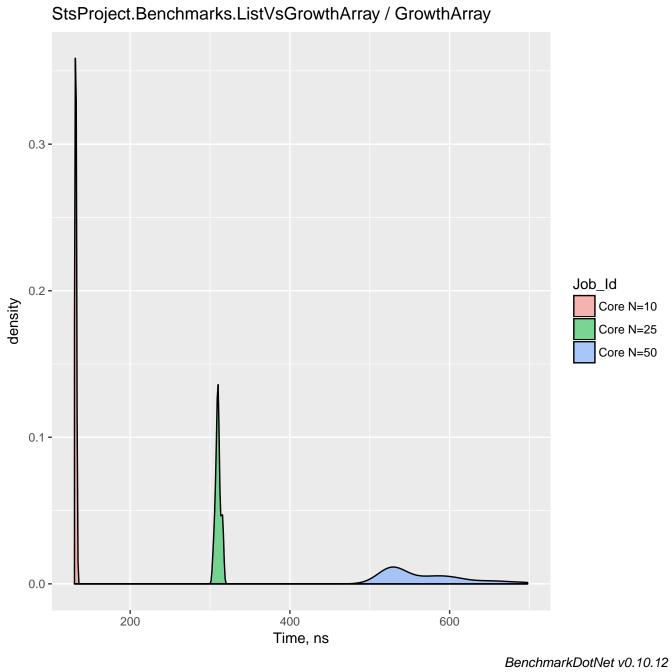
BenchmarkDotNet v0.10.12

StsProject.Benchmarks.ListVsGrowthArray / List Core N=10 Core N=25 Core N=50 400 -300 -Time, ns Launch 200 -0 25 50 7₅ 25 50 25 50 **7**5 100 0 **7**5 100 0 100 IterationIndex

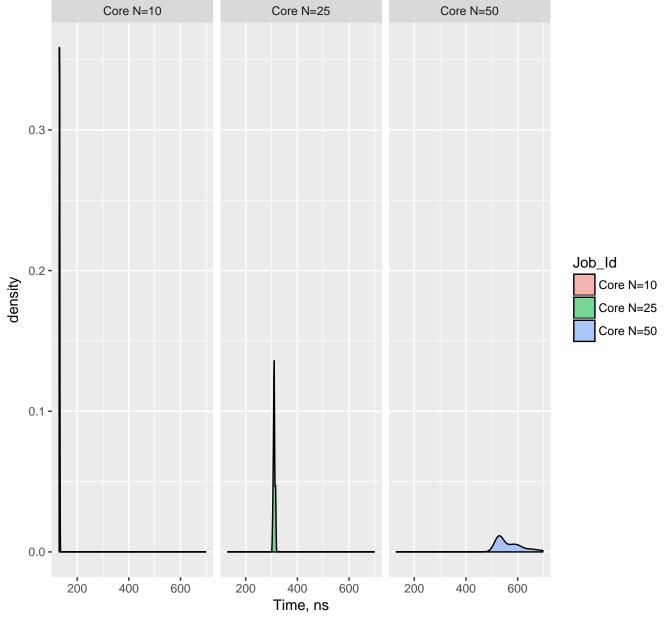
BenchmarkDotNet v0.10.12

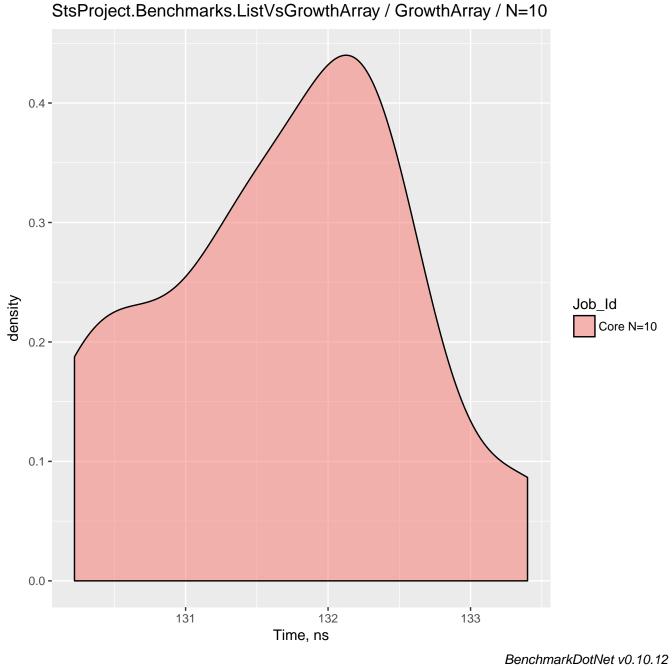
StsProject.Benchmarks.ListVsGrowthArray / List Core N=10 Core N=25 Core N=50 300 -Cumulative mean time, ns Launch 200 -25 25 50 7₅ 25 50 7₅ 100 0 50 **7**5 100 0 Ö 100 IterationIndex

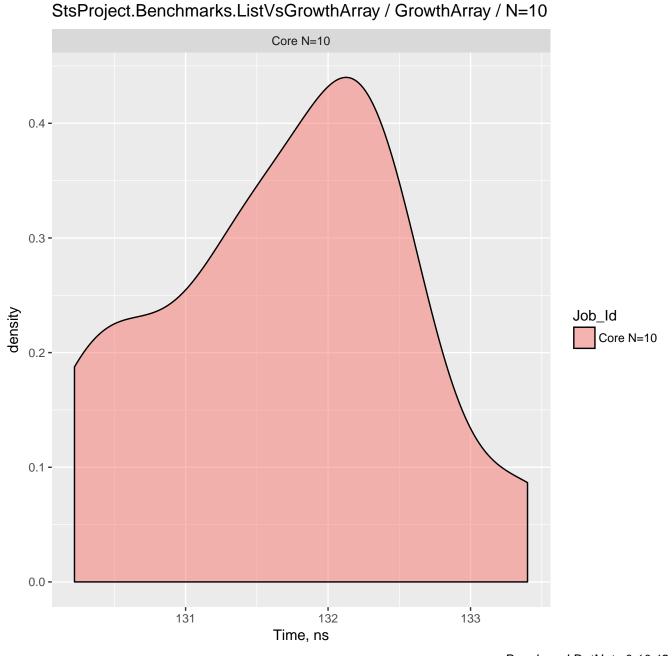
BenchmarkDotNet v0.10.12



StsProject.Benchmarks.ListVsGrowthArray / GrowthArray





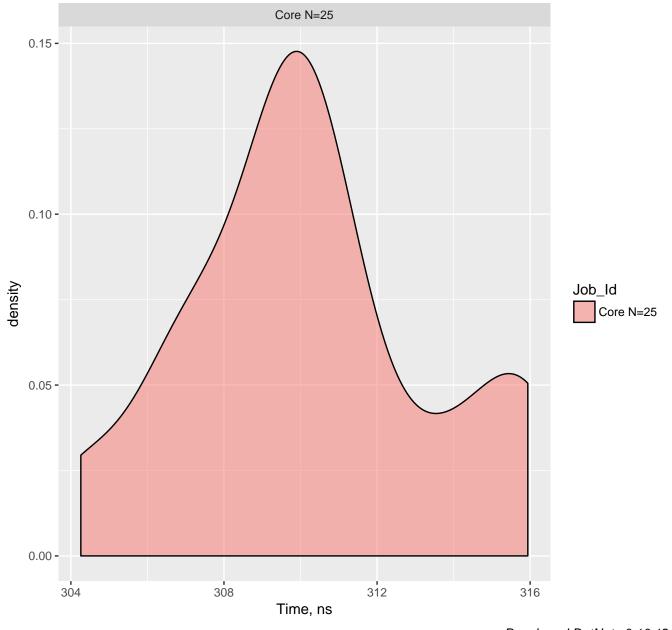


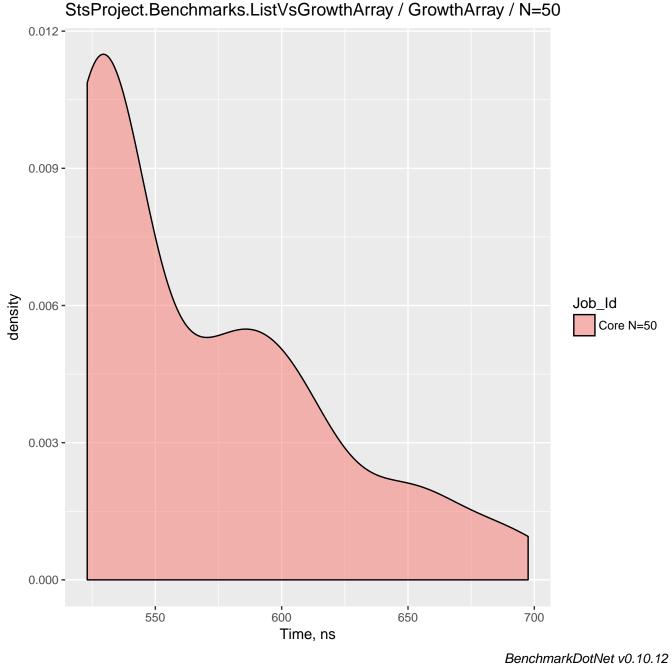
BenchmarkDotNet v0.10.12

 $StsProject. Benchmarks. ListVsGrowthArray \ / \ GrowthArray \ / \ N=25$ 0.15 -0.10 density Job_Id Core N=25 0.05 -0.00 -308 304 312 316 Time, ns

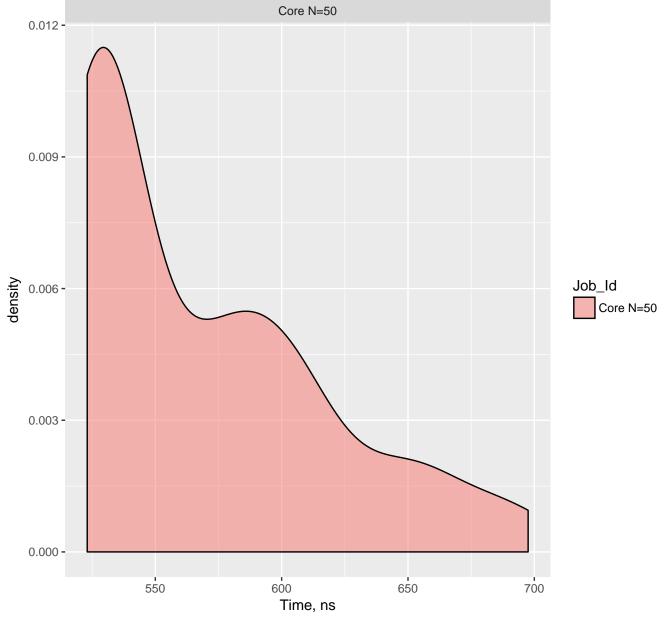
BenchmarkDotNet v0.10.12

StsProject.Benchmarks.ListVsGrowthArray / GrowthArray / N=25

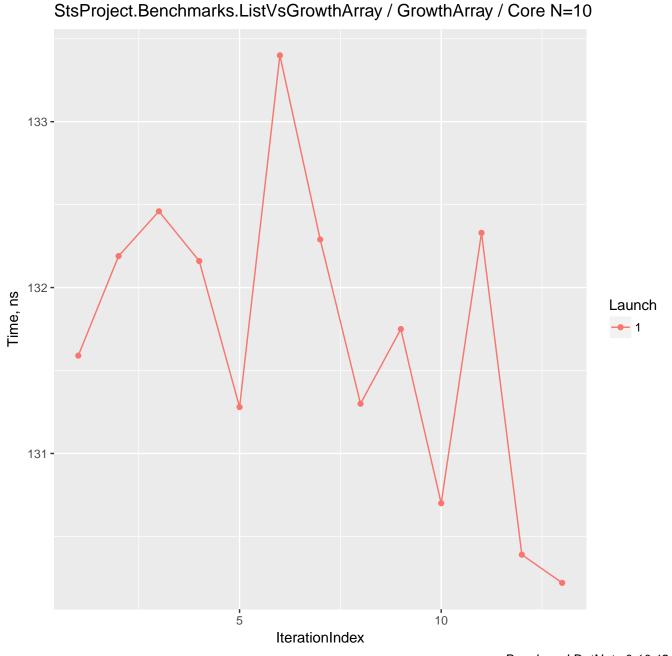




StsProject.Benchmarks.ListVsGrowthArray / GrowthArray / N=50

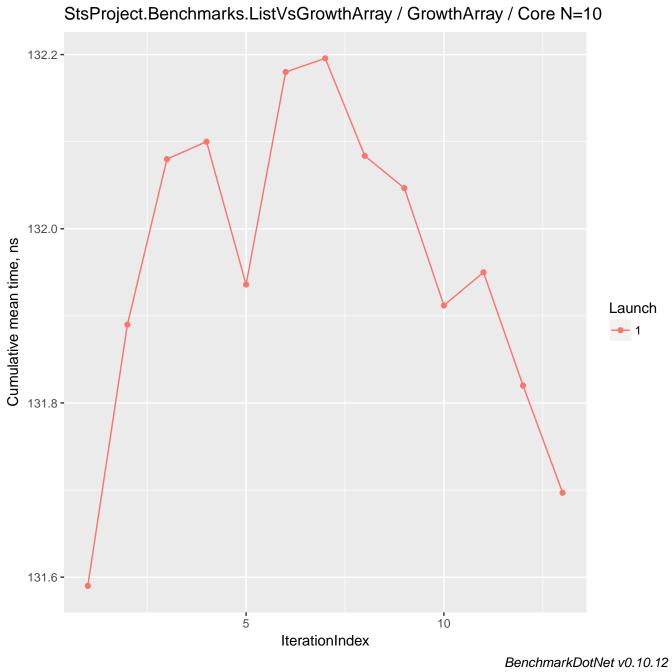


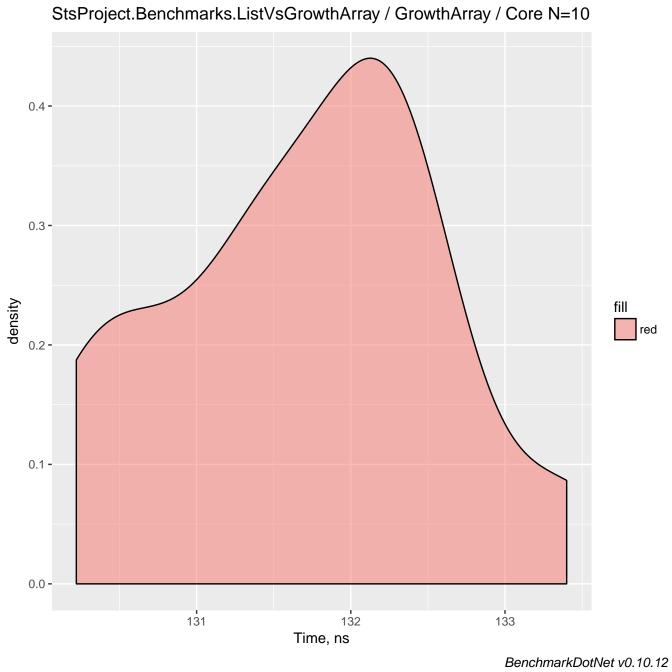
BenchmarkDotNet v0.10.12

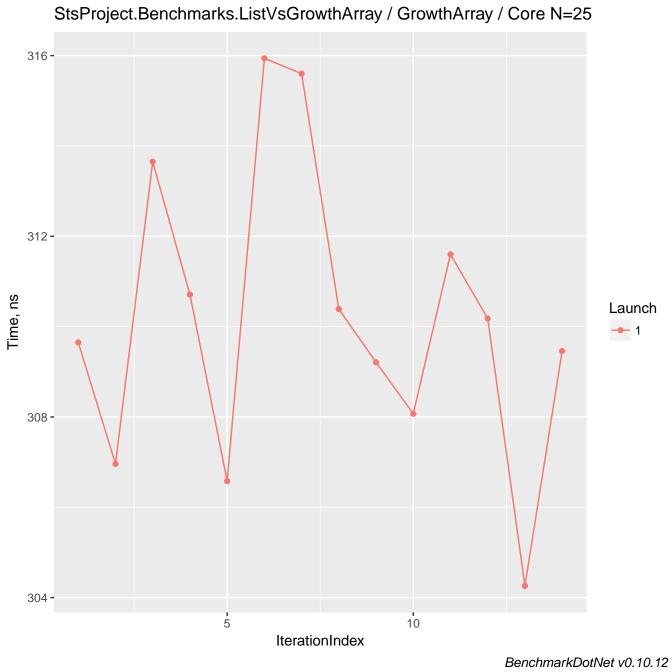


BenchmarkDotNet v0.10.12

StsProject.Benchmarks.ListVsGrowthArray / GrowthArray / Core N=10 133 -132 -Time, ns 131 -Launch 130 -129 -5 10 IterationIndex





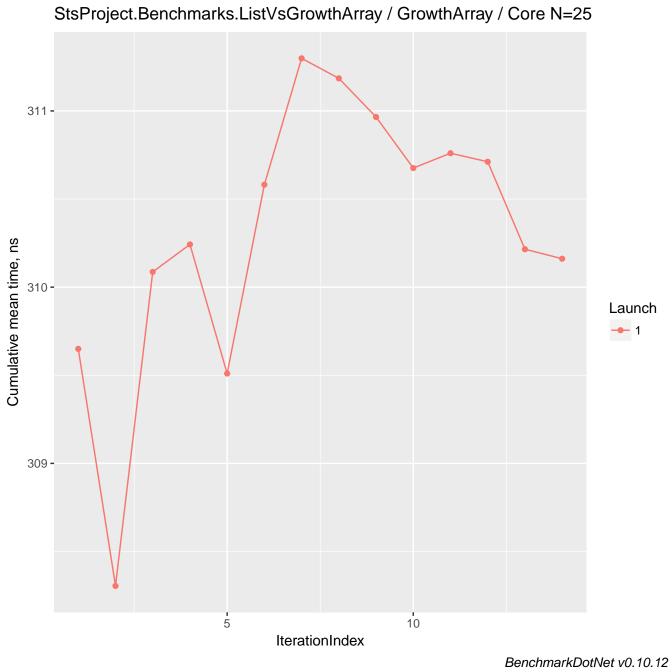


 $StsProject. Benchmarks. ListVsGrowthArray \ / \ GrowthArray \ / \ Core \ N=25$ 315 -Time, ns 310 -Launch 305 -

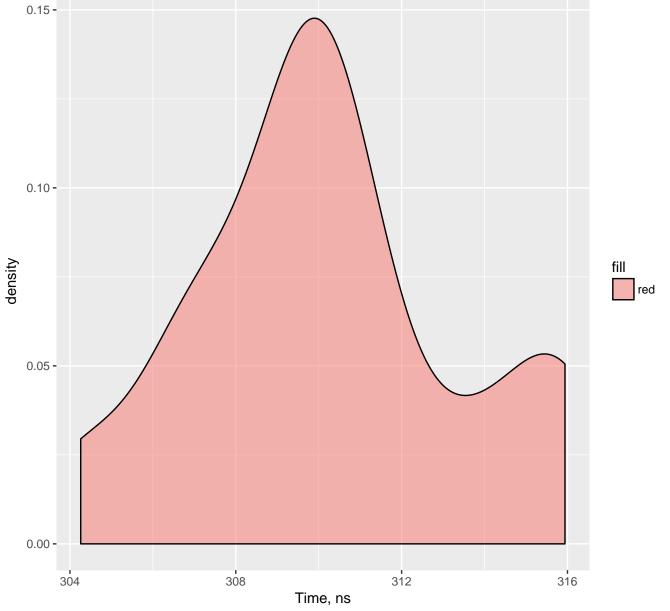
10

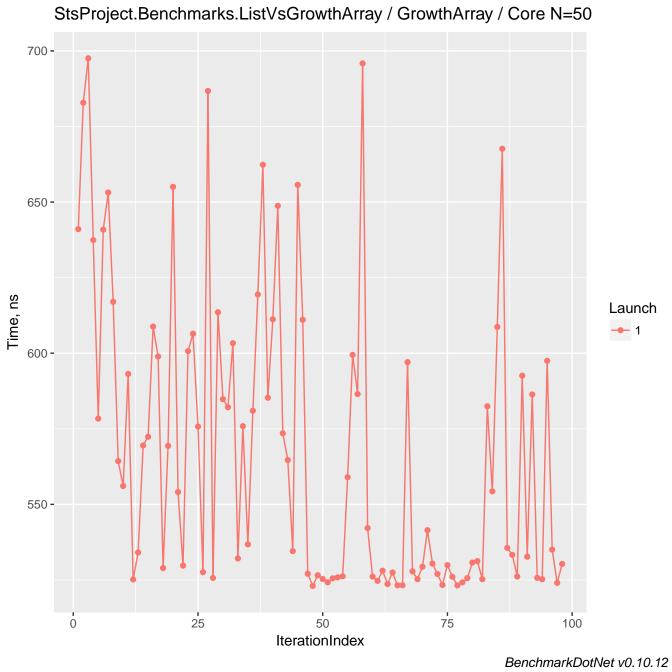
5

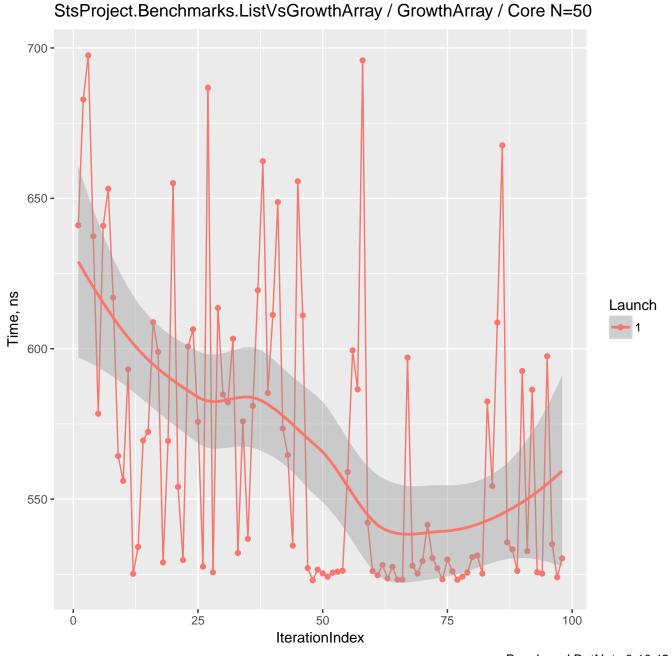
IterationIndex



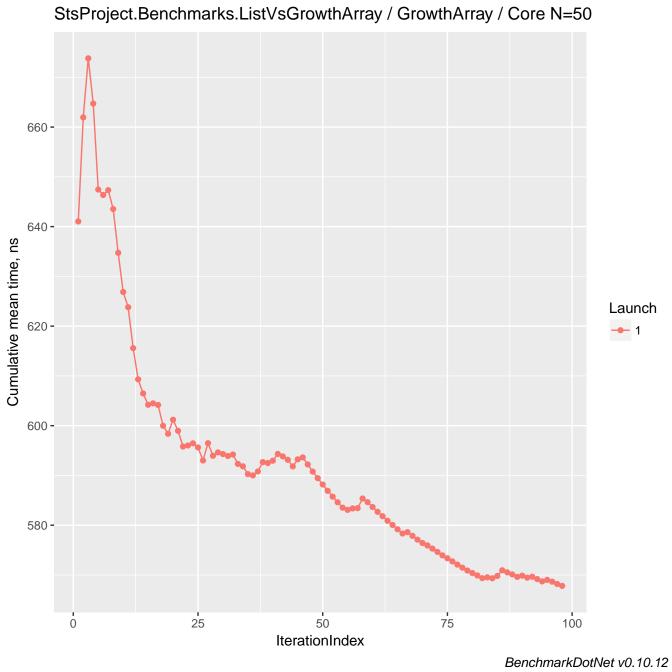
StsProject.Benchmarks.ListVsGrowthArray / GrowthArray / Core N=25

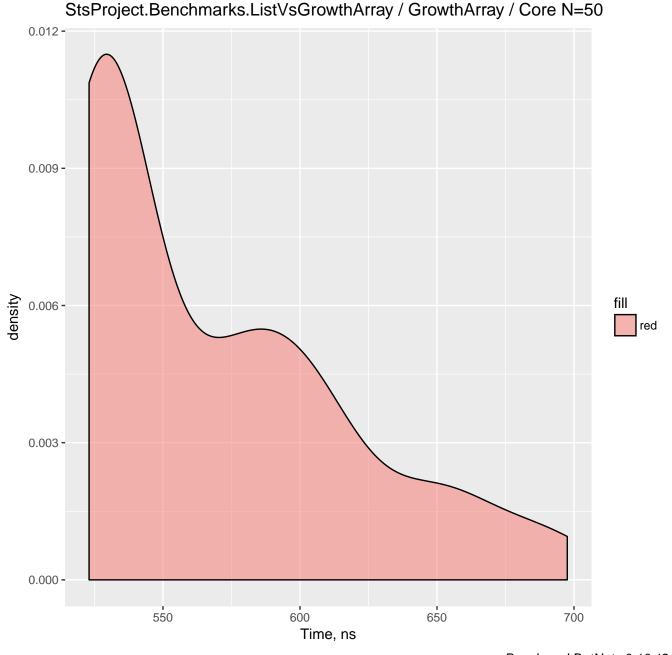






BenchmarkDotNet v0.10.12





BenchmarkDotNet v0.10.12

StsProject.Benchmarks.ListVsGrowthArray / GrowthArray Core N=10 Core N=25 Core N=50 600 -Launch 200 -Ö 25 50 7₅ 25 25 50 100 0 50 **7**5 100 0 75 100 IterationIndex

BenchmarkDotNet v0.10.12

StsProject.Benchmarks.ListVsGrowthArray / GrowthArray Core N=10 Core N=25 Core N=50 600 -Time, ns 400 -Launch 200 -Ö 25 50 7₅ 25 50 100 0 25 50 **7**5 100 0 75 100 IterationIndex

BenchmarkDotNet v0.10.12

StsProject.Benchmarks.ListVsGrowthArray / GrowthArray Core N=10 Core N=25 Core N=50 700 -600 -500 -Cumulative mean time, ns Launch 400 -300 -200 -25 50 7₅ 25 50 100 0 50 7₅ 100 0 75 Ö 25 100 IterationIndex BenchmarkDotNet v0.10.12