138

100

42

5+%

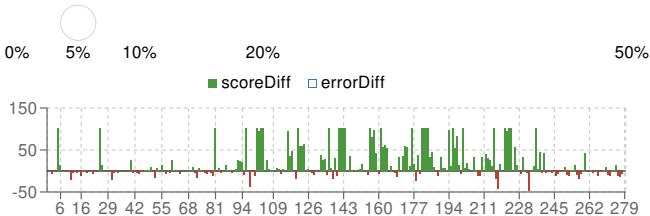45+%   15+%

35+%   25+%

Comparing **280** results out of **7** benchmark classes for 'openjdk20-master-230326' and 'openjdk20-patched-jmh-result-230326' on metric 'Score'. Ignoring deviations below 5%

0%   5%   10%   20%   50%

■ scoreDiff   □ errorDiff

150
50
-50
     6 16 29 42 55 68 81 94 109 126 143 160 177 194 211 228 245 262 279

Improved Benchmarks (103)

| #	Benchmark	Params	Mode/Unit	Score	Error
0	Int - testSort ⬈ 500%	builder=RANDOM:size=7000	avgt in us/op	570 95	7 12
1	Float - testSort ⬈ 420%	builder=RANDOM:size=7000	avgt in us/op	556 107	0,606 5
2	Float - testSort ⬈ 374%	builder=RANDOM:size=2000000	avgt in us/op	256 019 53 989	539 2 077
3	Float - testSort ⬈ 347%	builder=RANDOM:size=300000	avgt in us/op	33 514 7 492	28 328
4	Int - testParallelSort ⬈ 337%	builder=RANDOM:size=7000	avgt in us/op	507 116	21 5
5	Int - testSort ⬈ 304%	builder=RANDOM:size=2000000	avgt in us/op	264 121 65 344	1 396 532
6	Float - testSort ⬈ 298%	builder=RANDOM:size=50000	avgt in us/op	4 808 1 207	8 198
7	Int - testSort ⬈ 257%	builder=RANDOM:size=300000	avgt in us/op	32 599 9 134	421 182
8	Float - testParallelSort ⬈ 252%	builder=RANDOM:size=7000	avgt in us/op	500 142	21 7
9	Int - testParallelSort ⬈ 247%	builder=SHUFFLE:size=7000	avgt in us/op	229 66	16 5
10	Int - testSort ⬈ 232%	builder=RANDOM:size=50000	avgt in us/op	4 759 1 435	5 91
11	Long - testParallelSort ⬈ 229%	builder=SHUFFLE:size=7000	avgt in us/op	240 73	24 4
12	Float - testParallelSort ⬈ 204%	builder=SHUFFLE:size=7000	avgt in us/op	231 76	17 6
13	Int - testSort ⬈ 177%	builder=SHUFFLE:size=7000	avgt in us/op	255 92	1 6
14	Double - testParallelSort ⬈ 160%	builder=SHUFFLE:size=7000	avgt in us/op	229 88	14 5
15	Long - testParallelSort ⬈ 155%	builder=RANDOM:size=7000	avgt in us/op	502 197	34 1
16	Double - testParallelSort ⬈ 141%	builder=RANDOM:size=7000	avgt in us/op	502 208	20 2
17	Double - testSort ⬈ 140%	builder=RANDOM:size=2000000	avgt in us/op	263 235 109 684	55 1 929
18	Float - testSort ⬈ 138%	builder=SHUFFLE:size=7000	avgt in us/op	252 106	3 8
19	Long - testSort ⬈ 134%	builder=RANDOM:size=300000	avgt in us/op	33 782 14 456	201 314

| #	Benchmark	Params	Mode/Unit	Score	Error
20	Long - testSort ➚ 131%	builder=RANDOM:size=2000000	avgt in us/op	249 211 108 006	1 485 2 532
21	Long - testSort ➚ 125%	builder=SHUFFLE:size=7000	avgt in us/op	250 111	2 3
22	Double - testSort ➚ 124%	builder=RANDOM:size=300000	avgt in us/op	33 356 14 921	27 389
23	Double - testSort ➚ 105%	builder=RANDOM:size=7000	avgt in us/op	561 274	0,844 8
24	Long - testSort ➚ 105%	builder=RANDOM:size=7000	avgt in us/op	558 272	0,353 7
25	Byte - testParallelSort ➚ 100%	builder=REPEATED:size=800	avgt in us/op	2 1	2 0,419
26	Byte - testSort ➚ 100%	builder=REPEATED:size=800	avgt in us/op	2 1	2 0,427
27	Float - testSort ➚ 96%	builder=SHUFFLE:size=300000	avgt in us/op	12 301 6 286	707 873
28	Int - testSort ➚ 96%	builder=STAGGER:size=2000000	avgt in us/op	16 443 8 396	374 59
29	Double - testSort ➚ 95%	builder=RANDOM:size=50000	avgt in us/op	4 938 2 527	35 17
30	Double - testSort ➚ 95%	builder=SHUFFLE:size=7000	avgt in us/op	246 126	0,425 2
31	Long - testSort ➚ 93%	builder=RANDOM:size=50000	avgt in us/op	4 701 2 442	1 33
32	Int - testSort ➚ 81%	builder=SHUFFLE:size=300000	avgt in us/op	12 597 6 968	837 434
33	Float - testSort ➚ 79%	builder=SHUFFLE:size=50000	avgt in us/op	1 893 1 059	8 79
34	Float - testParallelSort ➚ 62%	builder=RANDOM:size=2000000	avgt in us/op	78 681 48 430	2 729 596
35	Int - testParallelSort ➚ 60%	builder=RANDOM:size=300000	avgt in us/op	10 696 6 696	56 48
36	Float - testParallelSort ➚ 59%	builder=RANDOM:size=50000	avgt in us/op	1 888 1 188	15 48
37	Int - testParallelSort ➚ 59%	builder=STAGGER:size=300000	avgt in us/op	1 148 720	14 38
38	Float - testParallelSort ➚ 58%	builder=RANDOM:size=300000	avgt in us/op	11 035 6 966	249 78
39	Int - testParallelSort ➚ 55%	builder=RANDOM:size=50000	avgt in us/op	1 872 1 204	49 67
40	Int - testParallelSort ➚ 55%	builder=STAGGER:size=2000000	avgt in us/op	6 332 4 091	68 87
41	Long - testSort ➚ 55%	builder=REPEATED:size=7000	avgt in us/op	102 66	1 2
42	Int - testParallelSort ➚ 53%	builder=RANDOM:size=2000000	avgt in us/op	74 172 48 526	2 488 1 151
43	Int - testSort ➚ 53%	builder=SHUFFLE:size=50000	avgt in us/op	1 904 1 245	22 41
44	Double - testSort ➚ 47%	builder=SHUFFLE:size=300000	avgt in us/op	12 231 8 344	136 425
45	Int - testSort ➚ 44%	builder=REPEATED:size=7000	avgt in us/op	98 68	12 4
46	Long - testSort ➚ 43%	builder=SHUFFLE:size=300000	avgt in us/op	12 112 8 481	43 578
47	Float - testSort ➚ 42%	builder=SHUFFLE:size=2000000	avgt in us/op	81 289 57 117	2 195 1 678
48	Short - testParallelSort ➚ 42%	builder=RANDOM:size=800	avgt in us/op	17 12	0,434 0,487

#	Benchmark	Params	Mode/Unit	Score	Error
49	Short - testSort ⬈ 42%	builder=RANDOM:size=800	avgt in us/op	17 12	0,758 0,637
50	Long - testParallelSort ⬈ 39%	builder=STAGGER:size=50000	avgt in us/op	216 155	6 17
51	Float - testParallelSort ⬈ 38%	builder=STAGGER:size=50000	avgt in us/op	284 206	4 6
52	Int - testParallelSort ⬈ 36%	builder=SHUFFLE:size=2000000	avgt in us/op	35 860 26 360	1 077 695
53	Double - testSort ⬈ 35%	builder=SHUFFLE:size=50000	avgt in us/op	1 905 1 408	3 183
54	Int - testParallelSort ⬈ 35%	builder=STAGGER:size=50000	avgt in us/op	185 137	5 2
55	Float - testSort ⬈ 34%	builder=REPEATED:size=7000	avgt in us/op	164 122	2 10
56	Int - testParallelSort ⬈ 33%	builder=STAGGER:size=800	avgt in us/op	4 3	0,015 0,072
57	Int - testSort ⬈ 33%	builder=REPEATED:size=800	avgt in us/op	4 3	0,056 0,136
58	Int - testSort ⬈ 33%	builder=STAGGER:size=800	avgt in us/op	4 3	0,228 0,049
59	Long - testParallelSort ⬈ 33%	builder=STAGGER:size=800	avgt in us/op	4 3	0,055 0,027
60	Long - testSort ⬈ 33%	builder=STAGGER:size=800	avgt in us/op	4 3	0,055 0,238
61	Long - testParallelSort ⬈ 31%	builder=REPEATED:size=7000	avgt in us/op	101 77	4 1
62	Float - testParallelSort ⬈ 30%	builder=SHUFFLE:size=2000000	avgt in us/op	34 976 26 981	1 495 738
63	Long - testParallelSort ⬈ 30%	builder=STAGGER:size=300000	avgt in us/op	1 096 840	30 51
64	Float - testParallelSort ⬈ 28%	builder=STAGGER:size=2000000	avgt in us/op	9 283 7 254	86 124
65	Float - testParallelSort ⬈ 26%	builder=STAGGER:size=300000	avgt in us/op	1 347 1 073	53 36
66	Long - testParallelSort ⬈ 26%	builder=STAGGER:size=2000000	avgt in us/op	8 569 6 813	234 103
67	Char - testParallelSort ⬈ 25%	builder=RANDOM:size=800	avgt in us/op	15 12	0,511 0,278
68	Char - testSort ⬈ 25%	builder=RANDOM:size=800	avgt in us/op	15 12	0,286 0,314
69	Double - testParallelSort ⬈ 25%	builder=STAGGER:size=50000	avgt in us/op	306 245	7 19
70	Double - testSort ⬈ 25%	builder=REPEATED:size=7000	avgt in us/op	161 129	0,561 3
71	Double - testParallelSort ⬈ 22%	builder=STAGGER:size=300000	avgt in us/op	1 496 1 225	15 37
72	Double - testParallelSort ⬈ 21%	builder=STAGGER:size=2000000	avgt in us/op	11 712 9 640	219 104
73	Long - testParallelSort ⬈ 17%	builder=RANDOM:size=300000	avgt in us/op	10 845 9 309	194 317
74	Long - testParallelSort ⬈ 16%	builder=SHUFFLE:size=2000000	avgt in us/op	36 078 31 109	1 665 1 974
75	Float - testSort ⬈ 15%	builder=STAGGER:size=50000	avgt in us/op	315 275	11 1
76	Int - testParallelSort ⬈ 15%	builder=SHUFFLE:size=50000	avgt in us/op	752 653	26 53
77	Long - testSort ⬈ 14%	builder=REPEATED:size=50000	avgt in us/op	727 638	4 5

#	Benchmark	Params	Mode/Unit	Score	Error
78	Byte - testParallelSort ⬈ 13%	builder=REPEATED:size=7000	avgt in us/op	9 8	4 2
79	Byte - testSort ⬈ 13%	builder=REPEATED:size=7000	avgt in us/op	9 8	4 2
80	Char - testParallelSort ⬈ 13%	builder=SHUFFLE:size=800	avgt in us/op	9 8	0,098 0,363
81	Int - testSort ⬈ 13%	builder=SHUFFLE:size=2000000	avgt in us/op	88 181 77 983	2 372 1 467
82	Short - testParallelSort ⬈ 13%	builder=SHUFFLE:size=800	avgt in us/op	9 8	0,099 0,299
83	Short - testSort ⬈ 13%	builder=SHUFFLE:size=800	avgt in us/op	9 8	0,181 0,141
84	Double - testParallelSort ⬈ 12%	builder=REPEATED:size=7000	avgt in us/op	154 137	0,949 2
85	Int - testParallelSort ⬈ 11%	builder=REPEATED:size=7000	avgt in us/op	97 87	3 2
86	Int - testParallelSort ⬈ 10%	builder=SHUFFLE:size=800	avgt in us/op	11 10	0,25 0,152
87	Int - testSort ⬈ 10%	builder=SHUFFLE:size=800	avgt in us/op	11 10	0,279 0,144
88	Long - testParallelSort ⬈ 10%	builder=SHUFFLE:size=800	avgt in us/op	11 10	0,403 0,124
89	Long - testSort ⬈ 10%	builder=SHUFFLE:size=800	avgt in us/op	11 10	0,094 0,052
90	Char - testParallelSort ⬈ 9%	builder=STAGGER:size=800	avgt in us/op	12 11	0,375 0,247
91	Char - testSort ⬈ 9%	builder=STAGGER:size=800	avgt in us/op	12 11	0,18 0,327
92	Short - testParallelSort ⬈ 9%	builder=STAGGER:size=800	avgt in us/op	12 11	0,225 0,329
93	Short - testSort ⬈ 9%	builder=STAGGER:size=800	avgt in us/op	12 11	0,266 0,467
94	Int - testSort ⬈ 8%	builder=REPEATED:size=50000	avgt in us/op	719 663	5 7
95	Char - testSort ⬈ 7%	builder=STAGGER:size=300000	avgt in us/op	725 680	82 246
96	Int - testSort ⬈ 7%	builder=STAGGER:size=7000	avgt in us/op	30 28	0,698 0,195
97	Char - testParallelSort ⬈ 6%	builder=STAGGER:size=300000	avgt in us/op	727 683	98 265
98	Float - testParallelSort ⬈ 6%	builder=SHUFFLE:size=50000	avgt in us/op	819 770	31 65
99	Long - testParallelSort ⬈ 6%	builder=RANDOM:size=50000	avgt in us/op	1 888 1 785	40 184
100	Double - testParallelSort ⬈ 5%	builder=RANDOM:size=300000	avgt in us/op	10 616 10 153	215 387
101	Double - testSort ⬈ 5%	builder=STAGGER:size=7000	avgt in us/op	44 42	0,614 0,788
102	Int - testSort ⬈ 5%	builder=STAGGER:size=50000	avgt in us/op	221 210	2 3

Declined Benchmarks (47)

#	Benchmark	Params	Mode/Unit	Score	Error
0	Long - testSort ⬊ -46%	builder=STAGGER:size=300000	avgt in us/op	1 475 2 743	27 37
1	Long - testParallelSort ⬊ -41%	builder=SHUFFLE:size=300000	avgt in us/op	4 359 7 335	201 173

#	Benchmark	Params	Mode/Unit	Score	Error
2	Double - testParallelSort ↘ -38%	builder=SHUFFLE:size=300000	avgt in us/op	4 697 7 558	144 413
3	Int - testParallelSort ↘ -22%	builder=SHUFFLE:size=300000	avgt in us/op	4 682 6 019	254 657
4	Byte - testParallelSort ↘ -20%	builder=STAGGER:size=7000	avgt in us/op	8 10	2 1
5	Byte - testSort ↘ -20%	builder=STAGGER:size=7000	avgt in us/op	8 10	2 1
6	Float - testParallelSort ↘ -19%	builder=SHUFFLE:size=300000	avgt in us/op	4 611 5 681	68 488
7	Float - testParallelSort ↘ -17%	builder=RANDOM:size=800	avgt in us/op	15 18	0,51 0,124
8	Long - testParallelSort ↘ -17%	builder=SHUFFLE:size=50000	avgt in us/op	777 938	39 142
9	Short - testParallelSort ↘ -17%	builder=SHUFFLE:size=50000	avgt in us/op	195 234	63 47
10	Char - testSort ↘ -16%	builder=STAGGER:size=50000	avgt in us/op	178 211	14 12
11	Char - testParallelSort ↘ -15%	builder=STAGGER:size=50000	avgt in us/op	178 210	13 12
12	Short - testSort ↘ -14%	builder=SHUFFLE:size=50000	avgt in us/op	196 228	67 40
13	Int - testParallelSort ↘ -13%	builder=REPEATED:size=2000000	avgt in us/op	25 306 29 132	284 236
14	Double - testParallelSort ↘ -12%	builder=RANDOM:size=800	avgt in us/op	15 17	0,192 0,499
15	Double - testSort ↘ -12%	builder=RANDOM:size=800	avgt in us/op	15 17	0,466 0,427
16	Float - testSort ↘ -12%	builder=RANDOM:size=800	avgt in us/op	15 17	0,317 0,348
17	Long - testParallelSort ↘ -12%	builder=REPEATED:size=2000000	avgt in us/op	26 462 30 155	157 3 115
18	Short - testParallelSort ↘ -11%	builder=STAGGER:size=50000	avgt in us/op	163 184	15 15
19	Short - testSort ↘ -11%	builder=STAGGER:size=50000	avgt in us/op	163 184	15 14
20	Byte - testParallelSort ↘ -10%	builder=SHUFFLE:size=7000	avgt in us/op	9 10	6 3
21	Int - testSort ↘ -10%	builder=REPEATED:size=2000000	avgt in us/op	25 781 28 675	318 38
22	Long - testParallelSort ↘ -10%	builder=REPEATED:size=300000	avgt in us/op	4 050 4 486	24 207
23	Short - testParallelSort ↘ -10%	builder=REPEATED:size=7000	avgt in us/op	55 61	9 8
24	Short - testSort ↘ -10%	builder=REPEATED:size=7000	avgt in us/op	55 61	9 8
25	Short - testSort ↘ -10%	builder=SHUFFLE:size=7000	avgt in us/op	55 61	9 21
26	Double - testParallelSort ↘ -8%	builder=SHUFFLE:size=800	avgt in us/op	11 12	0,084 0,267
27	Float - testParallelSort ↘ -8%	builder=REPEATED:size=2000000	avgt in us/op	40 537 43 907	491 570
28	Float - testParallelSort ↘ -8%	builder=SHUFFLE:size=800	avgt in us/op	11 12	4 0,249
29	Float - testSort ↘ -8%	builder=SHUFFLE:size=800	avgt in us/op	11 12	0,083 0,242
30	Short - testParallelSort ↘ -8%	builder=STAGGER:size=7000	avgt in us/op	57 62	13 15

#	Benchmark	Params	Mode/Unit	Score	Error
31	Short - testParallelSort ↘ -8%	builder=SHUFFLE:size=7000	avgt in us/op	55 60	8 22
32	Short - testSort ↘ -8%	builder=STAGGER:size=7000	avgt in us/op	57 62	13 15
33	Byte - testParallelSort ↘ -7%	builder=RANDOM:size=50000	avgt in us/op	52 56	0,478 1
34	Byte - testSort ↘ -7%	builder=RANDOM:size=50000	avgt in us/op	52 56	0,876 0,796
35	Char - testSort ↘ -7%	builder=SHUFFLE:size=50000	avgt in us/op	205 221	37 105
36	Int - testParallelSort ↘ -7%	builder=RANDOM:size=800	avgt in us/op	14 15	0,375 0,275
37	Int - testSort ↘ -7%	builder=RANDOM:size=800	avgt in us/op	14 15	0,364 0,315
38	Long - testParallelSort ↘ -7%	builder=RANDOM:size=800	avgt in us/op	14 15	0,679 0,377
39	Char - testParallelSort ↘ -6%	builder=RANDOM:size=2000000	avgt in us/op	5 064 5 414	46 71
40	Char - testParallelSort ↘ -6%	builder=SHUFFLE:size=50000	avgt in us/op	204 216	39 112
41	Long - testSort ↘ -6%	builder=REPEATED:size=2000000	avgt in us/op	26 684 28 440	16 92
42	Char - testSort ↘ -5%	builder=RANDOM:size=2000000	avgt in us/op	5 123 5 403	374 261
43	Double - testSort ↘ -5%	builder=STAGGER:size=300000	avgt in us/op	1 854 1 955	24 7
44	Short - testParallelSort ↘ -5%	builder=REPEATED:size=50000	avgt in us/op	104 109	32 35
45	Short - testParallelSort ↘ -5%	builder=SHUFFLE:size=300000	avgt in us/op	596 630	162 176
46	Short - testSort ↘ -5%	builder=SHUFFLE:size=300000	avgt in us/op	597 628	153 181

Unchanged Benchmarks (130)

#	Benchmark	Params	Mode/Unit	Score	Error
0	Double - testParallelSort ↗ 4%	builder=STAGGER:size=7000	avgt in us/op	48 46	1 1
1	Double - testSort ↗ 4%	builder=STAGGER:size=50000	avgt in us/op	321 310	19 53
2	Long - testParallelSort ↗ 4%	builder=RANDOM:size=2000000	avgt in us/op	78 706 75 396	2 938 3 391
3	Long - testSort ↗ 4%	builder=SHUFFLE:size=50000	avgt in us/op	1 922 1 857	4 149
4	Double - testSort ↗ 3%	builder=REPEATED:size=50000	avgt in us/op	1 063 1 037	127 10
5	Double - testSort ↗ 3%	builder=STAGGER:size=2000000	avgt in us/op	14 433 13 957	120 219
6	Float - testParallelSort ↗ 3%	builder=REPEATED:size=7000	avgt in us/op	157 153	0,782 2
7	Float - testSort ↗ 3%	builder=STAGGER:size=7000	avgt in us/op	40 39	2 0,618
8	Byte - testParallelSort ↗ 2%	builder=SHUFFLE:size=50000	avgt in us/op	52 51	2 1
9	Char - testParallelSort ↗ 2%	builder=REPEATED:size=50000	avgt in us/op	107 105	32 32
10	Char - testSort ↗ 2%	builder=RANDOM:size=300000	avgt in us/op	1 881 1 843	304 277

#	Benchmark	Params	Mode/Unit	Score	Error
11	Double - testParallelSort ➔ 2%	builder=REPEATED:size=50000	avgt in us/op	1 063 1 047	129 151
12	Double - testParallelSort ➔ 2%	builder=REPEATED:size=300000	avgt in us/op	6 597 6 477	104 312
13	Float - testSort ➔ 2%	builder=STAGGER:size=2000000	avgt in us/op	12 223 12 000	219 198
14	Short - testParallelSort ➔ 2%	builder=RANDOM:size=300000	avgt in us/op	1 821 1 787	268 275
15	Short - testParallelSort ➔ 2%	builder=STAGGER:size=2000000	avgt in us/op	2 597 2 549	270 417
16	Short - testParallelSort ➔ 2%	builder=SHUFFLE:size=2000000	avgt in us/op	2 530 2 473	35 47
17	Short - testSort ➔ 2%	builder=STAGGER:size=2000000	avgt in us/op	2 605 2 556	322 429
18	Char - testSort ➔ 1%	builder=REPEATED:size=2000000	avgt in us/op	2 669 2 642	62 28
19	Double - testSort ➔ 1%	builder=REPEATED:size=300000	avgt in us/op	6 439 6 362	61 75
20	Int - testSort ➔ 1%	builder=STAGGER:size=300000	avgt in us/op	1 249 1 235	9 6
21	Short - testParallelSort ➔ 1%	builder=STAGGER:size=300000	avgt in us/op	649 641	80 137
22	Short - testSort ➔ 1%	builder=STAGGER:size=300000	avgt in us/op	649 641	65 133
23	Float - testSort ➔ 0.9551098376313276%	builder=REPEATED:size=50000	avgt in us/op	1 057 1 047	107 48
24	Char - testSort ➔ 0.9523809523809524%	builder=REPEATED:size=50000	avgt in us/op	106 105	32 32
25	Char - testParallelSort ➔ 0.9056603773584906%	builder=REPEATED:size=2000000	avgt in us/op	2 674 2 650	34 33
26	Char - testParallelSort ➔ 0.7727975270479135%	builder=SHUFFLE:size=300000	avgt in us/op	652 647	175 187
27	Char - testParallelSort ➔ 0.7381507381507382%	builder=STAGGER:size=2000000	avgt in us/op	2 593 2 574	262 407
28	Double - testSort ➔ 0.5790720490057668%	builder=REPEATED:size=2000000	avgt in us/op	42 033 41 791	537 104
29	Char - testSort ➔ 0.5780346820809248%	builder=RANDOM:size=7000	avgt in us/op	174 173	11 7
30	Long - testParallelSort ➔ 0.5532503457814661%	builder=REPEATED:size=50000	avgt in us/op	727 723	6 99
31	Short - testSort ➔ 0.5022321428571429%	builder=RANDOM:size=300000	avgt in us/op	1 801 1 792	251 292
32	Float - testSort ➔ 0.4329632585927484%	builder=REPEATED:size=2000000	avgt in us/op	41 522 41 343	620 249
33	Char - testSort ➔ 0.3098373353989156%	builder=STAGGER:size=2000000	avgt in us/op	2 590 2 582	345 386
34	Short - testSort ➔ 0.20096463022508038%	builder=SHUFFLE:size=2000000	avgt in us/op	2 493 2 488	114 25
35	Short - testSort ➔ 0.18917896329928113%	builder=REPEATED:size=2000000	avgt in us/op	2 648 2 643	69 43
36	Char - testParallelSort ➔ 0.17123287671232876%	builder=REPEATED:size=300000	avgt in us/op	585 584	140 148
37	Long - testSort ➔ 0.0931098696461825%	builder=STAGGER:size=2000000	avgt in us/op	10 750 10 740	178 192
38	Byte - testParallelSort ➤ 0%	builder=RANDOM:size=800	avgt in us/op	2 2	2 0,077
39	Byte - testParallelSort ➤ 0%	builder=RANDOM:size=7000	avgt in us/op	10 10	13 5

#	Benchmark	Params	Mode/Unit	Score	Error
40	Byte - testParallelSort ➤ 0%	builder=REPEATED:size=50000	avgt in us/op	51 51	2 2
41	Byte - testParallelSort ➤ 0%	builder=REPEATED:size=300000	avgt in us/op	327 327	5 3
42	Byte - testParallelSort ➤ 0%	builder=STAGGER:size=800	avgt in us/op	2 2	0,511 0,613
43	Byte - testParallelSort ➤ 0%	builder=SHUFFLE:size=800	avgt in us/op	2 2	2 0,496
44	Byte - testSort ➤ 0%	builder=RANDOM:size=800	avgt in us/op	2 2	2 0,089
45	Byte - testSort ➤ 0%	builder=RANDOM:size=7000	avgt in us/op	10 10	13 5
46	Byte - testSort ➤ 0%	builder=REPEATED:size=50000	avgt in us/op	51 51	2 2
47	Byte - testSort ➤ 0%	builder=REPEATED:size=2000000	avgt in us/op	2 221 2 221	45 69
48	Byte - testSort ➤ 0%	builder=STAGGER:size=800	avgt in us/op	2 2	0,467 0,6
49	Byte - testSort ➤ 0%	builder=STAGGER:size=300000	avgt in us/op	260 260	13 7
50	Byte - testSort ➤ 0%	builder=SHUFFLE:size=800	avgt in us/op	2 2	2 0,441
51	Byte - testSort ➤ 0%	builder=SHUFFLE:size=7000	avgt in us/op	10 10	11 3
52	Byte - testSort ➤ 0%	builder=SHUFFLE:size=50000	avgt in us/op	51 51	1 2
53	Char - testParallelSort ➤ 0%	builder=REPEATED:size=800	avgt in us/op	3 3	0,039 0,099
54	Char - testParallelSort ➤ 0%	builder=SHUFFLE:size=7000	avgt in us/op	72 72	5 17
55	Char - testSort ➤ 0%	builder=REPEATED:size=800	avgt in us/op	3 3	0,087 0,077
56	Char - testSort ➤ 0%	builder=REPEATED:size=300000	avgt in us/op	584 584	144 146
57	Char - testSort ➤ 0%	builder=SHUFFLE:size=800	avgt in us/op	8 8	0,076 0,179
58	Double - testParallelSort ➤ 0%	builder=REPEATED:size=800	avgt in us/op	5 5	0,134 0,442
59	Double - testParallelSort ➤ 0%	builder=STAGGER:size=800	avgt in us/op	5 5	0,021 0,022
60	Double - testSort ➤ 0%	builder=REPEATED:size=800	avgt in us/op	5 5	0,101 0,077
61	Double - testSort ➤ 0%	builder=STAGGER:size=800	avgt in us/op	5 5	0,025 0,08
62	Double - testSort ➤ 0%	builder=SHUFFLE:size=800	avgt in us/op	11 11	0,032 0,217
63	Float - testParallelSort ➤ 0%	builder=REPEATED:size=800	avgt in us/op	5 5	0,133 0,06
64	Float - testParallelSort ➤ 0%	builder=STAGGER:size=800	avgt in us/op	5 5	0,173 0,048
65	Float - testSort ➤ 0%	builder=REPEATED:size=800	avgt in us/op	5 5	0,049 0,188
66	Float - testSort ➤ 0%	builder=STAGGER:size=800	avgt in us/op	5 5	0,092 0,029
67	Int - testParallelSort ➤ 0%	builder=REPEATED:size=800	avgt in us/op	3 3	0,09 0,081
68	Int - testParallelSort ➤ 0%	builder=STAGGER:size=7000	avgt in us/op	34 34	0,669 1

#	Benchmark	Params	Mode/Unit	Score	Error
69	Long - testParallelSort ➤ 0%	builder=REPEATED:size=800	avgt in us/op	3 3	0,069 0,3
70	Long - testParallelSort ➤ 0%	builder=STAGGER:size=7000	avgt in us/op	37 37	1 0,318
71	Long - testSort ➤ 0%	builder=RANDOM:size=800	avgt in us/op	15 15	0,572 0,363
72	Long - testSort ➤ 0%	builder=REPEATED:size=800	avgt in us/op	3 3	0,062 0,146
73	Long - testSort ➤ 0%	builder=STAGGER:size=7000	avgt in us/op	34 34	0,286 0,276
74	Short - testParallelSort ➤ 0%	builder=REPEATED:size=800	avgt in us/op	3 3	0,037 0,058
75	Short - testSort ➤ 0%	builder=REPEATED:size=800	avgt in us/op	3 3	0,07 0,047
76	Short - testParallelSort ➘ -0.11355034065102196%	builder=REPEATED:size=2000000	avgt in us/op	2 639 2 642	25 54
77	Double - testParallelSort ➘ -0.2372479240806643%	builder=SHUFFLE:size=50000	avgt in us/op	841 843	12 216
78	Byte - testSort ➘ -0.3048780487804878%	builder=REPEATED:size=300000	avgt in us/op	327 328	0,532 3
79	Char - testSort ➘ -0.3076923076923077%	builder=SHUFFLE:size=300000	avgt in us/op	648 650	182 190
80	Byte - testParallelSort ➘ -0.3148897885739991%	builder=REPEATED:size=2000000	avgt in us/op	2 216 2 223	11 21
81	Float - testSort ➘ -0.33277870216306155%	builder=STAGGER:size=300000	avgt in us/op	1 797 1 803	38 61
82	Short - testSort ➘ -0.3401360544217687%	builder=REPEATED:size=300000	avgt in us/op	586 588	141 137
83	Byte - testParallelSort ➘ -0.38461538461538464%	builder=STAGGER:size=300000	avgt in us/op	259 260	14 10
84	Byte - testParallelSort ➘ -0.3875968992248062%	builder=SHUFFLE:size=300000	avgt in us/op	257 258	5 0,85
85	Byte - testParallelSort ➘ -0.4429678848283499%	builder=RANDOM:size=2000000	avgt in us/op	1 798 1 806	17 18
86	Short - testParallelSort ➘ -0.5102040816326531%	builder=REPEATED:size=300000	avgt in us/op	585 588	141 149
87	Short - testSort ➘ -0.5434782608695652%	builder=RANDOM:size=7000	avgt in us/op	183 184	9 8
88	Byte - testSort ➘ -0.6121313299944352%	builder=RANDOM:size=2000000	avgt in us/op	1 786 1 797	15 7
89	Double - testParallelSort ➘ -0.6783919597989949%	builder=SHUFFLE:size=2000000	avgt in us/op	35 577 35 820	1 518 1 326
90	Int - testSort ➘ -0.6936139679502512%	builder=REPEATED:size=300000	avgt in us/op	4 152 4 181	53 52
91	Float - testSort ➘ -0.7828401440425865%	builder=REPEATED:size=300000	avgt in us/op	6 337 6 387	66 69
92	Byte - testParallelSort ➘ -1%	builder=RANDOM:size=300000	avgt in us/op	271 275	4 4
93	Char - testParallelSort ➘ -1%	builder=STAGGER:size=7000	avgt in us/op	71 72	24 24
94	Double - testParallelSort ➘ -1%	builder=RANDOM:size=50000	avgt in us/op	1 854 1 882	32 155
95	Byte - testSort ➘ -2%	builder=RANDOM:size=300000	avgt in us/op	270 275	0,766 3
96	Byte - testSort ➘ -2%	builder=SHUFFLE:size=300000	avgt in us/op	256 260	4 3
97	Byte - testSort ➘ -2%	builder=SHUFFLE:size=2000000	avgt in us/op	1 668 1 708	46 26

#	Benchmark	Params	Mode/Unit	Score	Error
98	Char - testParallelSort ↘ -2%	builder=RANDOM:size=50000	avgt in us/op	799 818	46 53
99	Char - testParallelSort ↘ -2%	builder=REPEATED:size=7000	avgt in us/op	54 55	11 2
100	Char - testSort ↘ -2%	builder=RANDOM:size=50000	avgt in us/op	801 817	44 55
101	Char - testSort ↘ -2%	builder=REPEATED:size=7000	avgt in us/op	54 55	11 2
102	Double - testSort ↘ -2%	builder=SHUFFLE:size=2000000	avgt in us/op	81 847 83 232	4 889 3 770
103	Float - testParallelSort ↘ -2%	builder=REPEATED:size=50000	avgt in us/op	1 042 1 058	168 172
104	Float - testParallelSort ↘ -2%	builder=STAGGER:size=7000	avgt in us/op	44 45	2 2
105	Int - testParallelSort ↘ -2%	builder=REPEATED:size=50000	avgt in us/op	719 734	6 37
106	Long - testSort ↘ -2%	builder=REPEATED:size=300000	avgt in us/op	4 088 4 152	2 49
107	Short - testParallelSort ↘ -2%	builder=RANDOM:size=50000	avgt in us/op	823 837	63 73
108	Short - testSort ↘ -2%	builder=RANDOM:size=50000	avgt in us/op	823 837	58 77
109	Short - testSort ↘ -2%	builder=REPEATED:size=50000	avgt in us/op	107 109	30 34
110	Byte - testParallelSort ↘ -3%	builder=STAGGER:size=2000000	avgt in us/op	1 663 1 714	15 17
111	Byte - testParallelSort ↘ -3%	builder=SHUFFLE:size=2000000	avgt in us/op	1 665 1 708	25 23
112	Byte - testSort ↘ -3%	builder=STAGGER:size=2000000	avgt in us/op	1 665 1 709	4 11
113	Char - testParallelSort ↘ -3%	builder=RANDOM:size=7000	avgt in us/op	170 175	5 5
114	Char - testParallelSort ↘ -3%	builder=RANDOM:size=300000	avgt in us/op	1 878 1 946	275 273
115	Char - testSort ↘ -3%	builder=STAGGER:size=7000	avgt in us/op	70 72	21 25
116	Char - testSort ↘ -3%	builder=SHUFFLE:size=7000	avgt in us/op	71 73	5 11
117	Int - testParallelSort ↘ -3%	builder=REPEATED:size=300000	avgt in us/op	4 115 4 229	1 264
118	Short - testSort ↘ -3%	builder=RANDOM:size=2000000	avgt in us/op	5 154 5 305	818 167
119	Byte - testParallelSort ↘ -4%	builder=STAGGER:size=50000	avgt in us/op	48 50	0,369 0,677
120	Byte - testSort ↘ -4%	builder=STAGGER:size=50000	avgt in us/op	48 50	0,188 0,684
121	Char - testParallelSort ↘ -4%	builder=SHUFFLE:size=2000000	avgt in us/op	2 522 2 635	97 47
122	Char - testSort ↘ -4%	builder=SHUFFLE:size=2000000	avgt in us/op	2 524 2 637	51 77
123	Double - testParallelSort ↘ -4%	builder=RANDOM:size=2000000	avgt in us/op	77 785 81 121	1 951 1 839
124	Double - testParallelSort ↘ -4%	builder=REPEATED:size=2000000	avgt in us/op	41 831 43 467	610 1 746
125	Float - testParallelSort ↘ -4%	builder=REPEATED:size=300000	avgt in us/op	6 328 6 560	25 42
126	Long - testSort ↘ -4%	builder=STAGGER:size=50000	avgt in us/op	220 230	22 48

#	Benchmark	Params	Mode/Unit	Score	Error
127	Long - testSort ↘ -4%	builder=SHUFFLE:size=2000000	avgt in us/op	88 923 92 295	5 447 1 405
128	Short - testParallelSort ↘ -4%	builder=RANDOM:size=7000	avgt in us/op	183 190	8 11
129	Short - testParallelSort ↘ -4%	builder=RANDOM:size=2000000	avgt in us/op	5 118 5 323	1 139 103

Score ⌄

Benchmarks