

Hardware threads: 12

---- N = 100000 ----

No policy: 0 ms

seq: 0 ms

par: 0 ms

par_unseq: 0 ms

Custom parallel replace_if (K threads):

K	time (ms)
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1	0
2	1
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	1
14	1
15	0
16	1
17	1
18	1
19	1
20	1
21	2
22	1
23	1
24	1

Best K = 1 (~ 0.08x CPU threads)

---- N = 100000000 ----

No policy: 28 ms

seq: 35 ms

par: 8 ms

par_unseq: 7 ms

Custom parallel replace_if (K threads):

K	time (ms)
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1	26
2	14
3	9
4	8
5	8
6	7
7	6
8	5
9	7
10	6
11	5
12	5
13	5
14	5
15	5
16	5
17	5
18	5
19	5
20	5
21	5
22	5
23	4
24	5

Best K = 23 (~ 1.92x CPU threads)

----- N = 1000000000 -----

No policy: 270 ms

seq: 337 ms

par: 71 ms

par_unseq: 70 ms

Custom parallel replace_if (K threads):

K	time (ms)
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1	269
---	-----

2	138
---	-----

3	103
---	-----

4	84
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5	80
---	----

6	70
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7	66
---	----

8	60
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9	58
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10	54
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11	49
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12	56
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13	56
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14	63
----	----

15	57
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16	57
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17	54
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18	53
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19	54
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20	54
----	----

21	51
----	----

22	49
----	----

23	58
----	----

24	54
----	----

Best K = 11 (~ 0.92x CPU threads)