

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)
---	-----------

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

Best K = 1 (~ 0.08x CPU threads)

---- N = 100000000 ----

No policy: 18 ms

seq: 19 ms

par: 2 ms

par_unseq: 2 ms

Custom parallel replace_if (K threads):

 K time (ms)

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

Best K = 10 (~ 0.83x CPU threads)

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

No policy: 189 ms

seq: 189 ms

par: 22 ms

par_unseq: 20 ms

Custom parallel replace_if (K threads):

K	time (ms)
---	-----------

1	183
---	-----

2	108
---	-----

3	76
---	----

4	55
---	----

5	50
---	----

6	40
---	----

7	45
---	----

8	35
---	----

9	28
---	----

10	27
----	----

11	38
----	----

12	40
----	----

13	32
----	----

14	33
----	----

15	30
----	----

16	35
----	----

17	31
----	----

18	29
----	----

19	32
----	----

20	32
----	----

21	35
----	----

22	39
----	----

23	36
----	----

24	36
----	----

Best K = 10 (~ 0.83x CPU threads)