|  |  |  |
| --- | --- | --- |
|  | Без всего | INSERT |
| 1 | "Seq Scan on test (cost=0.00..22346.00 rows=1000000 width=70) (actual time=0.007..163.035 rows=1000001 loops=1)" | "Insert on test (cost=0.00..0.01 rows=1 width=296) (actual time=0.046..0.047 rows=0 loops=1)"  " |
| 2 |  | -> Result (cost=0.00..0.01 rows=1 width=296) (actual time=0.006..0.006 rows=1 loops=1)" |
| 3 | "Planning Time: 0.192 ms" | "Planning Time: 0.024 ms" |
| 4 | "Execution Time: 240.073 ms" | "Execution Time: 0.074 ms" |

SELECT \* FROM Test ORDER BY code\_1

|  |
| --- |
| "Gather Merge (cost=73496.00..170725.09 rows=833334 width=70) (actual time=2356.190..4412.846 rows=1000001 loops=1)" |
| " Workers Planned: 2" |
| " Workers Launched: 2" |
| " -> Sort (cost=72495.98..73537.65 rows=416667 width=70) (actual time=2293.968..2543.256 rows=333334 loops=3)" |
| " Sort Key: code\_1" |
| " Sort Method: external merge Disk: 25464kB" |
| " Worker 0: Sort Method: external merge Disk: 26512kB" |
| " Worker 1: Sort Method: external merge Disk: 26512kB" |
| " -> Parallel Seq Scan on test (cost=0.00..16512.67 rows=416667 width=70) (actual time=0.009..67.432 rows=333334 loops=3)" |
| "Planning Time: 0.058 ms" |
| "Execution Time: 4457.622 ms" |

После добавления index’а

|  |  |  |  |
| --- | --- | --- | --- |
|  | INSERT c Index | С INDEX select order by | SELECT \* |
| 1 | "Insert on test (cost=0.00..0.01 rows=1 width=296) (actual time=3.689..3.690 rows=0 loops=1)"  " | "Index Scan using code\_1 on test (cost=0.42..93224.26 rows=1000001 width=70) (actual time=0.025..1204.219 rows=1000001 loops=1)" | "Seq Scan on test (cost=0.00..22346.01 rows=1000001 width=70) (actual time=0.010..150.156 rows=1000002 loops=1)" |
| 2 | -> Result (cost=0.00..0.01 rows=1 width=296) (actual time=0.798..0.798 rows=1 loops=1)" |  |  |
| 3 | "Planning Time: 0.029 ms" | "Planning Time: 0.136 ms" | "Planning Time: 0.038 ms" |
| 4 | "Execution Time: 3.708 ms" | "Execution Time: 1255.361 ms" | "Execution Time: 223.780 ms" |