Running Time:

emitter finish send out tasks

on 1 thread:

elapsed wall clock time time: 141389ms.

elapsed CPU time: 422

emitter finish send out tasks

on 2 thread:

elapsed wall clock time time: 70901.1ms.

elapsed CPU time: 282

emitter finish send out tasks

on 4 thread:

elapsed wall clock time time: 38143.4ms.

elapsed CPU time: 226

emitter finish send out tasks

on 8 thread:

elapsed wall clock time time: 19363.4ms.

elapsed CPU time: 186

emitter finish send out tasks

on 16 thread:

elapsed wall clock time time: 11008.4ms.

elapsed CPU time: 170

worker 30 CPU id: 8

worker 31 CPU id: 9

emitter finish send out tasks

on 32 thread:

elapsed wall clock time time: 11467.1ms.

elapsed CPU time: 176

|  |  |
| --- | --- |
| Thread | Running time |
| 1 | 141.4 |
| 2 | 70.9 |
| 4 | 38.1 |
| 8 | 19.4 |
| 16 | 11.0 |

|  |  |
| --- | --- |
| Thread | Speedup |
| 1 | 1 |
| 2 | 1.99 |
| 4 | 3.72 |
| 8 | 7.29 |
| 16 | 12.85 |