**Parallel Search and Sort**

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I separate the thread pool by four parts.

The std::sort ( ) total time is 2.30967 second.

The thread pool by four parts total time is 1.18435 second.

The speed up of sort by thread pool is 1.95016.

The efficiency of that is 51%.

I separate the thread pool by four parts and I want linear search number 9 which is not in there.

The thread pool total time is 0.548975 second.

The std::find time is 55010 microsecond.

The speed up of thread pool by find is 0.100205.

The efficiency of that is 997.955%