

## Experimental Results

Euclidean TSP(2 separate machines):

```
apr 09, 2015 6:49:59 PM clients.Client runTask INFO: Task
tasks.TaskEuclideanTsp2@5197848cTask time: 22 ms. apr 09, 2015 6:49:59 PM
clients.ClientEuclideanTsp getLabel INFO: Tour: 0 1 8 3 4 5 6 2 9 7 apr 09, 2015 6:49:59
PM clients.Client end INFO: Client time: 215 ms.
```

Euclidean TSP(locally in eclipse, also tested in command line):

```
INFO: Task tasks.TaskEuclideanTsp2@277050dcTask time: 25 ms.
Apr 10, 2015 3:37:46 AM clients.ClientEuclideanTsp getLabel
INFO: Tour: 0 1 8 3 4 5 6 2 9 7
Apr 10, 2015 3:37:46 AM clients.Client end
INFO: Client time: 268 ms.
```

Mandelbrot Set

```
[java] apr 09, 2015 7:01:48 PM clients.Client runTask [java] INFO: Task
tasks.TaskEuclideanTsp2@7a07c5b4Task time: 23 ms. [java] apr 09, 2015 7:01:48 PM
clients.ClientEuclideanTsp getLabel [java] INFO: Tour: 0 1 8 3 4 5 6 2 9 7 [java] apr 09,
2015 7:01:48 PM clients.Client end [java] INFO: Client time: 135 ms
```

Mandelbrot Set(locally in eclipse, also tested in command line):

```
Apr 10, 2015 3:38:48 AM clients.Client runTask
INFO: Task tasks.TaskMandelbrotSet@4b85612cTask time: 161 ms.
Apr 10, 2015 3:38:48 AM clients.Client end
INFO: Client time: 412 ms.
```

From the results above, one can see the local results has a larger client time than when two separate JVM/machines are used. Which is not expected. The group expected to get smaller client times when two machines were used, and the group does not know the cause of this inconsistency. One possible explanation is a difference in hardware between the two machine, but that is regarded as unlikely.