

File Edit View Search Terminal Help

```
Total time spent by all reduce tasks (ms)=6898
Total vcore-milliseconds taken by all map tasks=6369
Total vcore-milliseconds taken by all reduce tasks=6898
Total megabyte-milliseconds taken by all map tasks=6521856
Total megabyte-milliseconds taken by all reduce tasks=7063552
```

Map-Reduce Framework

```
Map input records=1
Map output records=21
Map output bytes=308
Map output materialized bytes=56
Input split bytes=114
Combine input records=21
Combine output records=3
Reduce input groups=3
Reduce shuffle bytes=56
Reduce input records=3
Reduce output records=3
Spilled Records=6
Shuffled Maps =1
Failed Shuffles=0
Merged Map outputs=1
GC time elapsed (ms)=173
CPU time spent (ms)=1710
Physical memory (bytes) snapshot=346460160
Virtual memory (bytes) snapshot=4127256576
Total committed heap usage (bytes)=222429184
```

Shuffle Errors

```
BAD_ID=0
CONNECTION=0
IO_ERROR=0
WRONG_LENGTH=0
WRONG_MAP=0
WRONG_REDUCE=0
```

File Input Format Counters

```
Bytes Read=29
```

File Output Format Counters

```
Bytes Written=28
```

The standard deviation is: 1.5518257844571741

[acadgild@localhost mapreduce]\$