```
16/01/28 21:25:41 INFO client.RMProxy: Connecting to ResourceManager at
/0.0.0.0:8032
16/01/28 21:25:42 WARN mapreduce. JobResource Uploader: Hadoop command-line
option parsing not performed. Implement the Tool interface and execute your
application with ToolRunner to remedy this.
16/01/28 21:25:43 INFO input.FileInputFormat: Total input paths to process: 39
16/01/28 21:25:43 INFO mapreduce. JobSubmitter: number of splits:39
16/01/28 21:25:43 INFO mapreduce. JobSubmitter: Submitting tokens for job:
job_1454041354923_0006
16/01/28 21:25:44 INFO impl. YarnClientImpl: Submitted application
application_1454041354923_0006
16/01/28 21:25:44 INFO mapreduce. Job: The url to track the job:
http://quickstart.cloudera:8088/proxy/application_1454041354923_0006/
16/01/28 21:25:44 INFO mapreduce.Job: Running job: job_1454041354923_0006
16/01/28 21:25:59 INFO mapreduce.Job: Job job_1454041354923_0006 running in
uber mode : false
16/01/28 21:25:59 INFO mapreduce.Job:
                                        map 0% reduce 0%
16/01/28 21:27:05 INFO mapreduce.Job:
                                        map 2% reduce 0%
16/01/28 21:27:06 INFO mapreduce.Job:
                                        map 3% reduce 0%
16/01/28 21:27:10 INFO mapreduce.Job:
                                        map 4% reduce 0%
16/01/28 21:27:12 INFO mapreduce.Job:
                                        map 6% reduce 0%
16/01/28 21:27:13 INFO mapreduce.Job:
                                        map 7% reduce 0%
16/01/28 21:27:16 INFO mapreduce.Job:
                                        map 9% reduce 0%
16/01/28 21:27:18 INFO mapreduce.Job:
                                        map 10% reduce 0%
16/01/28 21:27:20 INFO mapreduce.Job:
                                        map 12% reduce 0%
16/01/28 21:27:22 INFO mapreduce.Job:
                                        map 13% reduce 0%
16/01/28 21:27:26 INFO mapreduce.Job:
                                        map 14% reduce 0%
16/01/28 21:27:27 INFO mapreduce.Job:
                                        map 15% reduce 0%
16/01/28 21:28:35 INFO mapreduce.Job:
                                        map 21% reduce 0%
16/01/28 21:28:38 INFO mapreduce.Job:
                                        map 22% reduce 0%
16/01/28 21:28:39 INFO mapreduce.Job:
                                        map 24% reduce 0%
16/01/28 21:28:40 INFO mapreduce. Job:
                                        map 25% reduce 0%
16/01/28 21:28:41 INFO mapreduce. Job:
                                        map 26% reduce 0%
16/01/28 21:28:44 INFO mapreduce.Job:
                                        map 27% reduce 0%
16/01/28 21:28:47 INFO mapreduce.Job:
                                        map 28% reduce 0%
16/01/28 21:28:55 INFO mapreduce.Job:
                                        map 31% reduce 0%
16/01/28 21:29:44 INFO mapreduce.Job:
                                        map 31% reduce 10%
                                        map 32% reduce 10%
16/01/28 21:29:46 INFO mapreduce.Job:
16/01/28 21:29:47 INFO mapreduce.Job:
                                        map 34% reduce 10%
16/01/28 21:29:48 INFO mapreduce.Job:
                                        map 37% reduce 10%
16/01/28 21:29:50 INFO mapreduce.Job:
                                        map 38% reduce 11%
16/01/28 21:29:53 INFO mapreduce.Job:
                                        map 41% reduce 11%
```

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16/01/28 21:29:54 INFO mapreduce.Job:
                                        map 41% reduce 13%
16/01/28 21:29:57 INFO mapreduce.Job:
                                        map 41% reduce 14%
16/01/28 21:30:00 INFO mapreduce.Job:
                                        map 44% reduce 14%
16/01/28 21:30:04 INFO mapreduce.Job:
                                        map 44% reduce 15%
16/01/28 21:30:47 INFO mapreduce.Job:
                                        map 45% reduce 15%
16/01/28 21:30:49 INFO mapreduce.Job:
                                        map 47% reduce 15%
16/01/28 21:30:51 INFO mapreduce.Job:
                                        map 50% reduce 15%
16/01/28 21:30:56 INFO mapreduce.Job:
                                        map 52% reduce 16%
16/01/28 21:30:57 INFO mapreduce.Job:
                                        map 53% reduce 16%
16/01/28 21:30:58 INFO mapreduce.Job:
                                        map 54% reduce 16%
16/01/28 21:31:00 INFO mapreduce.Job:
                                        map 54% reduce 18%
16/01/28 21:31:04 INFO mapreduce.Job:
                                        map 56% reduce 18%
16/01/28 21:31:06 INFO mapreduce.Job:
                                        map 56% reduce 19%
16/01/28 21:32:06 INFO mapreduce.Job:
                                        map 58% reduce 19%
16/01/28 21:32:09 INFO mapreduce.Job:
                                        map 60% reduce 19%
16/01/28 21:32:10 INFO mapreduce.Job:
                                        map 61% reduce 19%
16/01/28 21:32:11 INFO mapreduce.Job:
                                        map 64% reduce 19%
16/01/28 21:32:14 INFO mapreduce.Job:
                                        map 65% reduce 20%
16/01/28 21:32:17 INFO mapreduce.Job:
                                        map 67% reduce 21%
16/01/28 21:32:20 INFO mapreduce.Job:
                                        map 67% reduce 22%
16/01/28 21:32:22 INFO mapreduce.Job:
                                        map 68% reduce 22%
16/01/28 21:32:25 INFO mapreduce.Job:
                                        map 69% reduce 22%
16/01/28 21:32:27 INFO mapreduce.Job:
                                        map 69% reduce 23%
16/01/28 21:33:12 INFO mapreduce.Job:
                                        map 71% reduce 23%
16/01/28 21:33:14 INFO mapreduce.Job:
                                        map 73% reduce 23%
16/01/28 21:33:16 INFO mapreduce.Job:
                                        map 74% reduce 23%
16/01/28 21:33:17 INFO mapreduce.Job:
                                        map 74% reduce 24%
16/01/28 21:33:18 INFO mapreduce.Job:
                                        map 78% reduce 24%
                                        map 79% reduce 25%
16/01/28 21:33:20 INFO mapreduce.Job:
16/01/28 21:33:24 INFO mapreduce.Job:
                                        map 79% reduce 26%
16/01/28 21:33:26 INFO mapreduce.Job:
                                        map 81% reduce 26%
16/01/28 21:33:28 INFO mapreduce.Job:
                                        map 82% reduce 26%
16/01/28 21:33:30 INFO mapreduce.Job:
                                        map 82% reduce 27%
16/01/28 21:34:18 INFO mapreduce.Job:
                                        map 85% reduce 27%
16/01/28 21:34:19 INFO mapreduce.Job:
                                        map 87% reduce 27%
16/01/28 21:34:20 INFO mapreduce.Job:
                                        map 89% reduce 27%
16/01/28 21:34:21 INFO mapreduce.Job:
                                        map 91% reduce 27%
                                        map 91% reduce 29%
16/01/28 21:34:22 INFO mapreduce.Job:
16/01/28 21:34:24 INFO mapreduce.Job:
                                        map 92% reduce 29%
16/01/28 21:34:26 INFO mapreduce.Job:
                                        map 92% reduce 31%
16/01/28 21:34:29 INFO mapreduce.Job:
                                        map 95% reduce 31%
16/01/28 21:34:32 INFO mapreduce.Job:
                                        map 95% reduce 32%
```

```
16/01/28 21:34:45 INFO mapreduce.Job:
                                       map 97% reduce 32%
16/01/28 21:34:46 INFO mapreduce.Job:
                                       map 100% reduce 32%
16/01/28 21:34:47 INFO mapreduce.Job:
                                       map 100% reduce 67%
16/01/28 21:34:50 INFO mapreduce.Job:
                                       map 100% reduce 100%
16/01/28 21:34:50 INFO mapreduce.Job: Job job_1454041354923_0006 completed
successfully
16/01/28 21:34:50 INFO mapreduce.Job: Counters: 50
    File System Counters
       FILE: Number of bytes read=3908114
        FILE: Number of bytes written=12280870
        FILE: Number of read operations=0
        FILE: Number of large read operations=0
        FILE: Number of write operations=0
       HDFS: Number of bytes read=10799577
       HDFS: Number of bytes written=724867
       HDFS: Number of read operations=120
       HDFS: Number of large read operations=0
       HDFS: Number of write operations=2
    Job Counters
        Killed map tasks=2
        Launched map tasks=41
        Launched reduce tasks=1
        Data-local map tasks=41
       Total time spent by all maps in occupied slots (ms)=2636694
        Total time spent by all reduces in occupied slots (ms)=366059
       Total time spent by all map tasks (ms)=2636694
       Total time spent by all reduce tasks (ms)=366059
        Total vcore-seconds taken by all map tasks=2636694
       Total vcore-seconds taken by all reduce tasks=366059
       Total megabyte-seconds taken by all map tasks=2699974656
       Total megabyte-seconds taken by all reduce tasks=374844416
   Map-Reduce Framework
        Map input records=246233
       Map output records=1781870
       Map output bytes=16896950
       Map output materialized bytes=3908342
        Input split bytes=6508
        Combine input records=1781870
        Combine output records=286611
        Reduce input groups=67505
        Reduce shuffle bytes=3908342
        Reduce input records=286611
```

Reduce output records=67505

Spilled Records=573222

Shuffled Maps =39

Failed Shuffles=0

Merged Map outputs=39

GC time elapsed (ms)=46849

CPU time spent (ms)=116690

Physical memory (bytes) snapshot=8741093376

Virtual memory (bytes) snapshot=60054671360

Total committed heap usage (bytes)=6517059584

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=10793069

File Output Format Counters

Bytes Written=724867