1.   load the given textfile in HDFS.

```
[cloudera@quickstart ~]$ hdfs dfs -ls
Found 24 items
drwx------    - cloudera cloudera          0 2022-01-20 03:28 .staging
drwxr-xr-x    - cloudera cloudera          0 2022-01-12 01:17 CHARACTER_SETS
drwxr-xr-x    - cloudera cloudera          0 2020-05-23 23:09 avro_json_write
drwxr-xr-x    - cloudera cloudera          0 2022-01-20 03:15 bigdata
drwxr-xr-x    - cloudera cloudera          0 2020-05-22 22:15 csv_dir
-rw-r--r--    1 cloudera cloudera         39 2022-01-20 02:50 example.txt
drwxr-xr-x    - cloudera cloudera          0 2022-01-20 02:32 hdfs
drwxr-xr-x    - cloudera cloudera          0 2020-06-04 08:36 import_avro
drwxr-xr-x    - cloudera cloudera          0 2020-05-23 22:56 json_avro_1
drwxr-xr-x    - cloudera cloudera          0 2020-05-22 22:13 json_dir
drwxr-xr-x    - cloudera cloudera          0 2020-05-23 22:39 json_orc
drwxr-xr-x    - cloudera cloudera          0 2020-05-23 22:56 json_orc_1
drwxr-xr-x    - cloudera cloudera          0 2020-05-23 22:38 json_parquet
drwxr-xr-x    - cloudera cloudera          0 2020-05-23 22:56 json_parquet_1
drwxr-xr-x    - cloudera cloudera          0 2020-05-22 22:11 orc_dir
drwxr-xr-x    - cloudera cloudera          0 2022-01-20 03:28 output
drwxr-xr-x    - cloudera cloudera          0 2020-05-22 22:14 parquet_dir
drwxr-xr-x    - cloudera cloudera          0 2020-05-23 23:11 parquet_json_write
drwxr-xr-x    - cloudera cloudera          0 2020-05-22 13:40 part_dir
drwxr-xr-x    - cloudera cloudera          0 2020-05-22 14:01 part_dir2
-rw-r--r--    1 cloudera cloudera         70 2022-01-20 03:20 practice.txt
-rw-r--r--    1 cloudera cloudera         37 2022-01-09 22:32 sample.txt
-rw-r--r--    1 cloudera cloudera         49 2022-01-11 03:08 sample_kpi.csv
drwxr-xr-x    - cloudera cloudera          0 2020-06-04 09:04 zeyo_dir
[cloudera@quickstart ~]$ dir
avro                cm_api.py  devices.json  eclipse
express-deployment.json hadoop   kerberos    Music         part_dir      Public
sample_kpi.csv  Templates  zeyo_tab.java
CHARACTER_SETS.java  data1       Documents     emp.java
external_jars               HiveDirectory kpi_hadoop  parcels        Pictures
rakeshdata       sample.txt      Videos
cloudera-manager    Desktop    Downloads     enterprise-deployment.json
external-unified            input.txt     lib           parquet_write  practice.txt
rakeshdata1     sparkjars_exec  workspace
[cloudera@quickstart ~]$ dir kpi_hadoop
[cloudera@quickstart ~]$ cd kpi_hadoop
[cloudera@quickstart kpi_hadoop]$ ls
[cloudera@quickstart kpi_hadoop]$ vi words.txt
[cloudera@quickstart kpi_hadoop]$ cat words.txt
```
It's a truly pleasant experience to read this book, actually I should confess that
I laughed A LOT in the reading. The book is hilarious.

Besides the fun part, I was inspired by this book too. This book went through the
early history of Personal Computer industry, gave the vivid silhouettes of the
people, the companies and Silicon Valley in this industry. Mr.Cringely examined why
today's Information Technology industry is what it is now, and how it became like

this.

The book provided the facts and opinion about how the high tech companies
succeeded, and how many more failed. Why Bill Gates is the richest person in the
world, and how Steve Jobs and Steve Wozniak created the most beloved high tech
company in the world.

It used to say that reading history can make people understand the rise and fall of
things. We can learn the lessons from it, and get new ideas or patterns from the
past success. Today Personal Computer is declining, and the focus is shifting to
Smart Phone and Tablet. Although product is changing, the similar struggles,
fights, winning and loss are still happening lively everyday in this industry, just
like what it did in the old days.

```
[cloudera@quickstart kpi_hadoop]$ hadoop fs -put words.txt /user/cloudera
[cloudera@quickstart kpi_hadoop]$ hdfs dfs -ls /user/cloudera
Found 25 items
drwx------   - cloudera cloudera          0 2022-01-20 03:28
/user/cloudera/.staging
drwxr-xr-x   - cloudera cloudera          0 2022-01-12 01:17
/user/cloudera/CHARACTER_SETS
drwxr-xr-x   - cloudera cloudera          0 2020-05-23 23:09
/user/cloudera/avro_json_write
drwxr-xr-x   - cloudera cloudera          0 2022-01-20 03:15 /user/cloudera/bigdata
drwxr-xr-x   - cloudera cloudera          0 2020-05-22 22:15 /user/cloudera/csv_dir
-rw-r--r--   1 cloudera cloudera         39 2022-01-20 02:50
/user/cloudera/example.txt
drwxr-xr-x   - cloudera cloudera          0 2022-01-20 02:32 /user/cloudera/hdfs
drwxr-xr-x   - cloudera cloudera          0 2020-06-04 08:36
/user/cloudera/import_avro
drwxr-xr-x   - cloudera cloudera          0 2020-05-23 22:56
/user/cloudera/json_avro_1
drwxr-xr-x   - cloudera cloudera          0 2020-05-22 22:13
/user/cloudera/json_dir
drwxr-xr-x   - cloudera cloudera          0 2020-05-23 22:39
/user/cloudera/json_orc
drwxr-xr-x   - cloudera cloudera          0 2020-05-23 22:56
/user/cloudera/json_orc_1
drwxr-xr-x   - cloudera cloudera          0 2020-05-23 22:38
/user/cloudera/json_parquet
drwxr-xr-x   - cloudera cloudera          0 2020-05-23 22:56
/user/cloudera/json_parquet_1
drwxr-xr-x   - cloudera cloudera          0 2020-05-22 22:11 /user/cloudera/orc_dir
drwxr-xr-x   - cloudera cloudera          0 2022-01-20 03:28 /user/cloudera/output
drwxr-xr-x   - cloudera cloudera          0 2020-05-22 22:14
/user/cloudera/parquet_dir
drwxr-xr-x   - cloudera cloudera          0 2020-05-23 23:11
/user/cloudera/parquet_json_write
drwxr-xr-x   - cloudera cloudera          0 2020-05-22 13:40
```

```
/user/cloudera/part_dir
drwxr-xr-x   - cloudera cloudera          0 2020-05-22 14:01
/user/cloudera/part_dir2
-rw-r--r--   1 cloudera cloudera         70 2022-01-20 03:20
/user/cloudera/practice.txt
-rw-r--r--   1 cloudera cloudera         37 2022-01-09 22:32
/user/cloudera/sample.txt
-rw-r--r--   1 cloudera cloudera         49 2022-01-11 03:08
/user/cloudera/sample_kpi.csv
-rw-r--r--   1 cloudera cloudera       1173 2022-01-23 05:19
/user/cloudera/words.txt
drwxr-xr-x   - cloudera cloudera          0 2020-06-04 09:04
/user/cloudera/zeyo_dir

[cloudera@quickstart kpi_hadoop]$ hdfs dfs -cat words.txt /user/cloudera
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past success. Today Personal Computer is declining, and the focus is shifting to
Smart Phone and Tablet. Although product is changing, the similar struggles,
fights, winning and loss are still happening lively everyday in this industry, just
like what it did in the old days.


cat: `/user/cloudera': Is a directory
[cloudera@quickstart kpi_hadoop]$


2.      Perform WordCount on the text file using mapreduce.

[cloudera@quickstart ~]$ hadoop jar
/usr/lib/hadoop-mapreduce/hadoop-map-reduce-examples.jar
Not a valid JAR: /usr/lib/hadoop-mapreduce/hadoop-map-reduce-examples.jar
[cloudera@quickstart ~]$ hadoop jar
/usr/lib/hadoop-mapreduce/hadoop-mapreduce-examples.jar wordcount
/user/cloudera/words.txt /user/cloudera/output
22/01/20 23:36:47 INFO client.RMProxy: Connecting to ResourceManager at
```

```
quickstart.cloudera/127.0.0.1:8032
22/01/20 23:36:57 INFO input.FileInputFormat: Total input paths to process : 1
22/01/20 23:36:59 WARN hdfs.DFSClient: Caught exception
java.lang.InterruptedException
        at java.lang.Object.wait(Native Method)
        at java.lang.Thread.join(Thread.java:1252)
        at java.lang.Thread.join(Thread.java:1326)
        at
org.apache.hadoop.hdfs.DFSOutputStream$DataStreamer.closeResponder(DFSOutputStream.
java:967)
        at
org.apache.hadoop.hdfs.DFSOutputStream$DataStreamer.endBlock(DFSOutputStream.java:7
05)
        at
org.apache.hadoop.hdfs.DFSOutputStream$DataStreamer.run(DFSOutputStream.java:894)
22/01/20 23:36:59 WARN hdfs.DFSClient: Caught exception
java.lang.InterruptedException
        at java.lang.Object.wait(Native Method)
        at java.lang.Thread.join(Thread.java:1252)
        at java.lang.Thread.join(Thread.java:1326)
        at
org.apache.hadoop.hdfs.DFSOutputStream$DataStreamer.closeResponder(DFSOutputStream.
java:967)
        at
org.apache.hadoop.hdfs.DFSOutputStream$DataStreamer.endBlock(DFSOutputStream.java:7
05)
        at
org.apache.hadoop.hdfs.DFSOutputStream$DataStreamer.run(DFSOutputStream.java:894)
22/01/20 23:36:59 INFO mapreduce.JobSubmitter: number of splits:1
22/01/20 23:37:02 INFO mapreduce.JobSubmitter: Submitting tokens for job:
job_1642739418076_0002
22/01/20 23:37:16 INFO impl.YarnClientImpl: Submitted application
application_1642739418076_0002
22/01/20 23:37:18 INFO mapreduce.Job: The url to track the job:
http://quickstart.cloudera:8088/proxy/application_1642739418076_0002/
22/01/20 23:37:18 INFO mapreduce.Job: Running job: job_1642739418076_0002
22/01/20 23:39:06 INFO mapreduce.Job: Job job_1642739418076_0002 running in uber
mode : false
22/01/20 23:39:06 INFO mapreduce.Job:  map 0% reduce 0%
22/01/20 23:40:03 INFO mapreduce.Job:  map 100% reduce 0%
22/01/20 23:40:18 INFO mapreduce.Job:  map 100% reduce 100%
22/01/20 23:40:19 INFO mapreduce.Job: Job job_1642739418076_0002 completed
successfully
22/01/20 23:40:20 INFO mapreduce.Job: Counters: 49
        File System Counters
                FILE: Number of bytes read=1261
                FILE: Number of bytes written=297411
                FILE: Number of read operations=0
                FILE: Number of large read operations=0
                FILE: Number of write operations=0
```

```
                HDFS: Number of bytes read=1293
                HDFS: Number of bytes written=1143
                HDFS: Number of read operations=6
                HDFS: Number of large read operations=0
                HDFS: Number of write operations=2
        Job Counters
                Launched map tasks=1
                Launched reduce tasks=1
                Data-local map tasks=1
                Total time spent by all maps in occupied slots (ms)=24435200
                Total time spent by all reduces in occupied slots (ms)=5496832
                Total time spent by all map tasks (ms)=47725
                Total time spent by all reduce tasks (ms)=10736
                Total vcore-milliseconds taken by all map tasks=47725
                Total vcore-milliseconds taken by all reduce tasks=10736
                Total megabyte-milliseconds taken by all map tasks=24435200
                Total megabyte-milliseconds taken by all reduce tasks=5496832
        Map-Reduce Framework
                Map input records=9
                Map output records=203
                Map output bytes=1980
                Map output materialized bytes=1257
                Input split bytes=120
                Combine input records=203
                Combine output records=134
                Reduce input groups=134
                Reduce shuffle bytes=1257
                Reduce input records=134
                Reduce output records=134
                Spilled Records=268
                Shuffled Maps =1
                Failed Shuffles=0
                Merged Map outputs=1
                GC time elapsed (ms)=1324
                CPU time spent (ms)=2900
                Physical memory (bytes) snapshot=203337728
                Virtual memory (bytes) snapshot=3890036736
                Total committed heap usage (bytes)=101449728
        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=1173
        File Output Format Counters
                Bytes Written=1143
[cloudera@quickstart ~]$ hadoop dfs -ls /user/cloudera/output
```

```
DEPRECATED: Use of this script to execute hdfs command is deprecated.
Instead use the hdfs command for it.

Found 2 items
-rw-r--r--   1 cloudera cloudera          0 2022-01-20 23:40
/user/cloudera/output/_SUCCESS
-rw-r--r--   1 cloudera cloudera       1143 2022-01-20 23:40
/user/cloudera/output/part-r-00000
[cloudera@quickstart ~]$ hadoop dfs -cat /user/cloudera/output/part-r-00000
DEPRECATED: Use of this script to execute hdfs command is deprecated.
Instead use the hdfs command for it.

A       1
Although        1
Besides 1
Bill    1
Computer        2
Gates   1
I       3
Information     1
It      1
It's    1
Jobs    1
LOT     1
Mr.Cringely     1
Personal        2
Phone   1
Silicon 1
Smart   1
Steve   2
Tablet. 1
Technology      1
The     2
This    1
Today   1
Valley  1
We      1
Why     1
Wozniak 1
a       1
about   1
actually        1
and     11
are     1
became  1
beloved 1
book    4
book,   1
by      1
can     2
```

changing,	1
companies	2
company	1
confess	1
created	1
days.	1
declining,	1
did	1
early	1
everyday	1
examined	1
experience	1
facts	1
failed.	1
fall	1
fights,	1
focus	1
from	2
fun	1
gave	1
get	1
happening	1
high	2
hilarious.	1
history	2
how	4
ideas	1
in	6
industry	1
industry,	2
industry.	1
inspired	1
is	7
it	3
it,	1
just	1
laughed	1
learn	1
lessons	1
like	2
lively	1
loss	1
make	1
many	1
more	1
most	1
new	1
now,	1
of	3
old	1

```
opinion 1
or      1
part,   1
past    1
patterns        1
people  1
people, 1
person  1
pleasant        1
product 1
provided        1
read    1
reading 1
reading.        1
richest 1
rise    1
say     1
shifting        1
should  1
silhouettes     1
similar 1
still   1
struggles,      1
succeeded,      1
success.        1
tech    2
that    2
the     18
things. 1
this    4
this.   1
through 1
to      3
today's 1
too.    1
truly   1
understand      1
used    1
vivid   1
was     1
went    1
what    2
why     1
winning 1
world,  1
world.  1
[cloudera@quickstart ~]$
```

3.   Create a HBase table 'Census' using java with Column Family as 'Personal', 'Professional'.

```
[cloudera@quickstart ~]$ hbase shell
OpenJDK 64-Bit Server VM warning: Using incremental CMS is deprecated and will
likely be removed in a future release
OpenJDK 64-Bit Server VM warning: If the number of processors is expected to
increase from one, then you should configure the number of parallel GC threads
appropriately using -XX:ParallelGCThreads=N
22/01/23 05:33:50 INFO Configuration.deprecation: hadoop.native.lib is deprecated.
Instead, use io.native.lib.available
HBase Shell; enter 'help<RETURN>' for list of supported commands.
Type "exit<RETURN>" to leave the HBase Shell
Version 1.2.0-cdh5.13.0, rUnknown, Wed Oct  4 11:16:18 PDT 2017

hbase(main):001:0> create 'census', 'personal', 'professional'
0 row(s) in 1.7480 seconds

=> Hbase::Table - census
hbase(main):002:0> describe 'census'
Table census is ENABLED


census


COLUMN FAMILIES DESCRIPTION


{NAME => 'personal', BLOOMFILTER => 'ROW', VERSIONS => '1', IN_MEMORY => 'false',
KEEP_DELETED_CELLS => 'FALSE', DATA_BLOCK_ENCODING => 'NONE', TTL => 'FOREVER',
COMPRESSION => 'NONE', MIN_VERSIONS => '0', BLOCKC
ACHE => 'true', BLOCKSIZE => '65536', REPLICATION_SCOPE => '0'}


{NAME => 'professional', BLOOMFILTER => 'ROW', VERSIONS => '1', IN_MEMORY =>
'false', KEEP_DELETED_CELLS => 'FALSE', DATA_BLOCK_ENCODING => 'NONE', TTL =>
'FOREVER', COMPRESSION => 'NONE', MIN_VERSIONS => '0', BL
OCKCACHE => 'true', BLOCKSIZE => '65536', REPLICATION_SCOPE => '0'}


2 row(s) in 0.1350 seconds

hbase(main):003:0> scan 'census'
ROW                                                  COLUMN+CELL


0 row(s) in 0.0760 seconds
```

4. Put 2 rows in the Census table each having columns name and gender in personal
and occupation in professional and display data using HBase shell.

```
hbase(main):004:0> put 'census', '1', 'personal:name,gender', 'tanuja,female'
0 row(s) in 0.2480 seconds

hbase(main):005:0> put 'census', '1', 'professional:occupation', 'job'
0 row(s) in 0.0190 seconds

hbase(main):006:0> scan 'census'
ROW                                        COLUMN+CELL


 1                                          column=personal:name,gender,
timestamp=1642944935437, value=tanuja,female

 1
column=professional:occupation, timestamp=1642944967259, value=job

1 row(s) in 0.0200 seconds

hbase(main):007:0> put 'census', '2', 'personal:name,gender', 'chaitanya,female'
0 row(s) in 0.0250 seconds

hbase(main):014:0> put 'census', '2', 'professional:occupation', 'studying'
0 row(s) in 0.0110 seconds

hbase(main):015:0> scan 'census'
ROW                                        COLUMN+CELL


 1                                          column=personal:name,gender,
timestamp=1642945126654, value=tanuja,female

 1
column=professional:occupation, timestamp=1642945141237, value=job

 2                                          column=personal:name,gender,
timestamp=1642945166217, value=chaitanya,female

 2
column=professional:occupation, timestamp=1642945178630, value=studying

2 row(s) in 0.0160 seconds
```

5.   Load the groceries data file using hbase,hive,sqoop with a schema and describe and display the data.

```
[cloudera@quickstart ~]$ hdfs dfs -ls
Found 24 items
drwx------   - cloudera cloudera          0 2022-01-20 23:40 .staging
drwxr-xr-x   - cloudera cloudera          0 2020-05-23 23:09 avro_json_write
```

```
drwxr-xr-x   - cloudera cloudera          0 2020-05-22 22:15 csv_dir
-rw-r--r--   1 cloudera cloudera         44 2022-01-20 23:43 day1.txt
drwxr-xr-x   - cloudera cloudera          0 2022-01-12 09:57 emp
drwxr-xr-x   - cloudera cloudera          0 2020-06-04 08:36 import_avro
drwxr-xr-x   - cloudera cloudera          0 2020-05-23 22:56 json_avro_1
drwxr-xr-x   - cloudera cloudera          0 2020-05-22 22:13 json_dir
drwxr-xr-x   - cloudera cloudera          0 2020-05-23 22:39 json_orc
drwxr-xr-x   - cloudera cloudera          0 2020-05-23 22:56 json_orc_1
drwxr-xr-x   - cloudera cloudera          0 2020-05-23 22:38 json_parquet
drwxr-xr-x   - cloudera cloudera          0 2020-05-23 22:56 json_parquet_1
drwxr-xr-x   - cloudera cloudera          0 2020-05-22 22:11 orc_dir
drwxr-xr-x   - cloudera cloudera          0 2022-01-20 23:40 output
drwxr-xr-x   - cloudera cloudera          0 2020-05-22 22:14 parquet_dir
drwxr-xr-x   - cloudera cloudera          0 2020-05-23 23:11 parquet_json_write
drwxr-xr-x   - cloudera cloudera          0 2020-05-22 13:40 part_dir
drwxr-xr-x   - cloudera cloudera          0 2020-05-22 14:01 part_dir2
-rw-r--r--   1 cloudera cloudera         84 2022-01-13 02:29 practice.csv
-rw-r--r--   1 cloudera cloudera         32 2022-01-11 03:13 sample.csv
-rw-r--r--   1 cloudera cloudera         31 2022-01-10 01:00 sample.txt
drwxr-xr-x   - cloudera cloudera          0 2022-01-16 06:14 student
-rw-r--r--   1 cloudera cloudera       1173 2022-01-20 22:44 words.txt
drwxr-xr-x   - cloudera cloudera          0 2020-06-04 09:04 zeyo_dir
[cloudera@quickstart ~]$ cd hadoop
[cloudera@quickstart hadoop]$ vi groceries.csv
[cloudera@quickstart hadoop]$ cat groceries.csv
1,Seattle,Bananas,1/1/2017,7
2,Ken,Apples,1/2/2017,20
3,Bellevue,Flowers,1/2/2017,10
4,Redmond,Meat,1/3/2017,40
5,Seattle,Potatoes,1/4/2017,9
6,Bellevue,Bread,1/4/2017,5
7,Redmond,Bread,1/5/2017,5
8,Issaquah,Onion,1/5/2017,4
9,Redmond,Cheese,1/5/2017,15
10,Issaquah,Onion,1/6/2017,4
11,Renton,Bread,1/5/2017,5
12,Issaquah,Onion,1/7/2017,4
13,Sammamish,Bread,1/7/2017,5
14,Issaquah,Tomato,1/7/2017,6
[cloudera@quickstart hadoop]$ ls
day1.txt  groceries.csv  HDFS practice  mobiles.csv  practice.csv  sample1.txt
words.txt
[cloudera@quickstart hadoop]$ cd
[cloudera@quickstart ~]$ hdfs dfs -put groceries.csv /user/cloudera
hdfs[cloudera@quickstart ~]$
[cloudera@quickstart ~]$ hdfs dfs -ls /user/cloudera
Found 25 items
drwx------   - cloudera cloudera          0 2022-01-20 23:40
/user/cloudera/.staging
drwxr-xr-x   - cloudera cloudera          0 2020-05-23 23:09
```

```
                                    /user/cloudera/avro_json_write
drwxr-xr-x   - cloudera cloudera           0 2020-05-22 22:15 /user/cloudera/csv_dir
-rw-r--r--   1 cloudera cloudera          44 2022-01-20 23:43
/user/cloudera/day1.txt
drwxr-xr-x   - cloudera cloudera           0 2022-01-12 09:57 /user/cloudera/emp
-rw-r--r--   1 cloudera cloudera         428 2022-01-23 09:22
/user/cloudera/groceries.csv
drwxr-xr-x   - cloudera cloudera           0 2020-06-04 08:36
/user/cloudera/import_avro
drwxr-xr-x   - cloudera cloudera           0 2020-05-23 22:56
/user/cloudera/json_avro_1
drwxr-xr-x   - cloudera cloudera           0 2020-05-22 22:13
/user/cloudera/json_dir
drwxr-xr-x   - cloudera cloudera           0 2020-05-23 22:39
/user/cloudera/json_orc
drwxr-xr-x   - cloudera cloudera           0 2020-05-23 22:56
/user/cloudera/json_orc_1
drwxr-xr-x   - cloudera cloudera           0 2020-05-23 22:38
/user/cloudera/json_parquet
drwxr-xr-x   - cloudera cloudera           0 2020-05-23 22:56
/user/cloudera/json_parquet_1
drwxr-xr-x   - cloudera cloudera           0 2020-05-22 22:11 /user/cloudera/orc_dir
drwxr-xr-x   - cloudera cloudera           0 2022-01-20 23:40 /user/cloudera/output
drwxr-xr-x   - cloudera cloudera           0 2020-05-22 22:14
/user/cloudera/parquet_dir
drwxr-xr-x   - cloudera cloudera           0 2020-05-23 23:11
/user/cloudera/parquet_json_write
drwxr-xr-x   - cloudera cloudera           0 2020-05-22 13:40
/user/cloudera/part_dir
drwxr-xr-x   - cloudera cloudera           0 2020-05-22 14:01
/user/cloudera/part_dir2
-rw-r--r--   1 cloudera cloudera          84 2022-01-13 02:29
/user/cloudera/practice.csv
-rw-r--r--   1 cloudera cloudera          32 2022-01-11 03:13
/user/cloudera/sample.csv
-rw-r--r--   1 cloudera cloudera          31 2022-01-10 01:00
/user/cloudera/sample.txt
drwxr-xr-x   - cloudera cloudera           0 2022-01-16 06:14 /user/cloudera/student
-rw-r--r--   1 cloudera cloudera        1173 2022-01-20 22:44
/user/cloudera/words.txt
drwxr-xr-x   - cloudera cloudera           0 2020-06-04 09:04
/user/cloudera/zeyo_dir

cat: `/user/cloudera': Is a directory
[cloudera@quickstart ~]$ ^C
[cloudera@quickstart ~]$ hbase org.apache.hadoop.hbase.mapreduce.ImportTsv
-Dimporttsv.separator=","
-Dimporttsv.columns="HBASE_ROW_KEY,info:itemno,info:city,info:item,info:date,info:q
uantity" groceries /user/cloudera/groceries.csv
OpenJDK 64-Bit Server VM warning: Using incremental CMS is deprecated and will
```

likely be removed in a future release
OpenJDK 64-Bit Server VM warning: If the number of processors is expected to increase from one, then you should configure the number of parallel GC threads appropriately using -XX:ParallelGCThreads=N
22/01/23 09:52:55 INFO zookeeper.RecoverableZooKeeper: Process identifier=hconnection-0x544fa968 connecting to ZooKeeper ensemble=quickstart.cloudera:2181
22/01/23 09:52:55 INFO zookeeper.ZooKeeper: Client environment:zookeeper.version=3.4.5-cdh5.13.0--1, built on 10/04/2017 18:04 GMT
22/01/23 09:52:55 INFO zookeeper.ZooKeeper: Client environment:host.name=quickstart.cloudera
22/01/23 09:52:55 INFO zookeeper.ZooKeeper: Client environment:java.version=1.8.0_252
22/01/23 09:52:55 INFO zookeeper.ZooKeeper: Client environment:java.vendor=Oracle Corporation
22/01/23 09:52:55 INFO zookeeper.ZooKeeper: Client environment:java.home=/usr/lib/jvm/java-1.8.0-openjdk-1.8.0.252.b09-2.el6_10.x86_64/jre
22/01/23 09:52:55 INFO zookeeper.ZooKeeper: Client environment:java.class.path=/usr/lib/hbase/bin/../conf:/usr/lib/jvm/java-1.8.0-openjdk.x86_64/lib/tools.jar:/usr/lib/hbase/bin/..:/usr/lib/hbase/bin/../lib/activation-1.1.jar:/usr/lib/hbase/bin/../lib/apacheds-i18n-2.0.0-M15.jar:/usr/lib/hbase/bin/../lib/apacheds-kerberos-codec-2.0.0-M15.jar:/usr/lib/hbase/bin/../lib/api-asn1-api-1.0.0-M20.jar:/usr/lib/hbase/bin/../lib/api-util-1.0.0-M20.jar:/usr/lib/hbase/bin/../lib/asm-3.2.jar:/usr/lib/hbase/bin/../lib/avro.jar:/usr/lib/hbase/bin/../lib/aws-java-sdk-bundle-1.11.134.jar:/usr/lib/hbase/bin/../lib/commons-beanutils-1.9.2.jar:/usr/lib/hbase/bin/../lib/commons-beanutils-core-1.8.0.jar:/usr/lib/hbase/bin/../lib/commons-cli-1.2.jar:/usr/lib/hbase/bin/../lib/commons-codec-1.9.jar:/usr/lib/hbase/bin/../lib/commons-collections-3.2.2.jar:/usr/lib/hbase/bin/../lib/commons-compress-1.4.1.jar:/usr/lib/hbase/bin/../lib/commons-configuration-1.6.jar:/usr/lib/hbase/bin/../lib/commons-daemon-1.0.13.jar:/usr/lib/hbase/bin/../lib/commons-digester-1.8.jar:/usr/lib/hbase/bin/../lib/commons-el-1.0.jar:/usr/lib/hbase/bin/../lib/commons-httpclient-3.1.jar:/usr/lib/hbase/bin/../lib/commons-io-2.4.jar:/usr/lib/hbase/bin/../lib/commons-lang-2.6.jar:/usr/lib/hbase/bin/../lib/commons-logging-1.2.jar:/usr/lib/hbase/bin/../lib/commons-math-2.1.jar:/usr/lib/hbase/bin/../lib/commons-math3-3.1.1.jar:/usr/lib/hbase/bin/../lib/commons-net-3.1.jar:/usr/lib/hbase/bin/../lib/core-3.1.1.jar:/usr/lib/hbase/bin/../lib/curator-client-2.7.1.jar:/usr/lib/hbase/bin/../lib/curator-framework-2.7.1.jar:/usr/lib/hbase/bin/../lib/curator-recipes-2.7.1.jar:/usr/lib/hbase/bin/../lib/disruptor-3.3.0.jar:/usr/lib/hbase/bin/../lib/findbugs-annotations-1.3.9-1.jar:/usr/lib/hbase/bin/../lib/gson-2.2.4.jar:/usr/lib/hbase/bin/../lib/guava-12.0.1.jar:/usr/lib/hbase/bin/../lib/hamcrest-core-1.3.jar:/usr/lib/hbase/bin/../lib/hbase-annotations-1.2.0-cdh5.13.0.jar:/usr/lib/hbase/bin/../lib/hbase-annotations-1.2.0-cdh5.13.0-tests.jar:/usr/lib/hbase/bin/../lib/hbase-client-1.2.0-cdh5.13.0.jar:/usr/lib/hbase/bin/../lib/hbase-common-1.2.0-cdh5.13.0.jar:/usr/lib/hbase/bin/../lib/hbase-common-1.2.0-cdh5.13.0-tests.jar:/usr/lib/hbase/bin/../lib/hbase-examples-1.2.0-cdh5.13.0.jar:/usr/lib/hbase/bin/../lib/hbase-external-blockcache-1.2.0-cdh5.13.0.jar:/usr/lib/hbase/bin/../lib/hbase-hadoop2-compat-1.2.0-cdh5.13.0.jar:/usr/lib/hbase/bin/../lib/hbase-hadoop2-compat-1.2.0-cdh5.13.0-tests.jar:/usr/lib/hbase/bin/../lib/hbase-hadoop-compat-1.2.0-cdh5.13.0.jar:/usr/lib/hbase/bin/../lib/hbase-hadoop-compat-1.2.0-cdh5.13.0-tests.jar:/usr/lib/hbase/bin/../lib

```
/hbase-it-1.2.0-cdh5.13.0.jar:/usr/lib/hbase/bin/../lib/hbase-it-1.2.0-cdh5.13.0-te
sts.jar:/usr/lib/hbase/bin/../lib/hbase-prefix-tree-1.2.0-cdh5.13.0.jar:/usr/lib/hb
ase/bin/../lib/hbase-procedure-1.2.0-cdh5.13.0.jar:/usr/lib/hbase/bin/../lib/hbase-
protocol-1.2.0-cdh5.13.0.jar:/usr/lib/hbase/bin/../lib/hbase-resource-bundle-1.2.0-
cdh5.13.0.jar:/usr/lib/hbase/bin/../lib/hbase-rest-1.2.0-cdh5.13.0.jar:/usr/lib/hba
se/bin/../lib/hbase-rsgroup-1.2.0-cdh5.13.0.jar:/usr/lib/hbase/bin/../lib/hbase-rsg
roup-1.2.0-cdh5.13.0-tests.jar:/usr/lib/hbase/bin/../lib/hbase-server-1.2.0-cdh5.13
.0.jar:/usr/lib/hbase/bin/../lib/hbase-server-1.2.0-cdh5.13.0-tests.jar:/usr/lib/hb
ase/bin/../lib/hbase-shell-1.2.0-cdh5.13.0.jar:/usr/lib/hbase/bin/../lib/hbase-spar
k-1.2.0-cdh5.13.0.jar:/usr/lib/hbase/bin/../lib/hbase-thrift-1.2.0-cdh5.13.0.jar:/u
sr/lib/hbase/bin/../lib/high-scale-lib-1.1.1.jar:/usr/lib/hbase/bin/../lib/hsqldb-1
.8.0.10.jar:/usr/lib/hbase/bin/../lib/htrace-core-3.2.0-incubating.jar:/usr/lib/hba
se/bin/../lib/htrace-core4-4.0.1-incubating.jar:/usr/lib/hbase/bin/../lib/htrace-co
re.jar:/usr/lib/hbase/bin/../lib/httpclient-4.2.5.jar:/usr/lib/hbase/bin/../lib/htt
pcore-4.2.5.jar:/usr/lib/hbase/bin/../lib/jackson-annotations-2.2.3.jar:/usr/lib/hb
ase/bin/../lib/jackson-core-2.2.3.jar:/usr/lib/hbase/bin/../lib/jackson-core-asl-1.
8.8.jar:/usr/lib/hbase/bin/../lib/jackson-databind-2.2.3.jar:/usr/lib/hbase/bin/../
lib/jackson-jaxrs-1.8.8.jar:/usr/lib/hbase/bin/../lib/jackson-mapper-asl-1.8.8.jar:
/usr/lib/hbase/bin/../lib/jackson-xc-1.8.8.jar:/usr/lib/hbase/bin/../lib/jamon-runt
ime-2.4.1.jar:/usr/lib/hbase/bin/../lib/jasper-compiler-5.5.23.jar:/usr/lib/hbase/b
in/../lib/jasper-runtime-5.5.23.jar:/usr/lib/hbase/bin/../lib/java-xmlbuilder-0.4.j
ar:/usr/lib/hbase/bin/../lib/jaxb-api-2.1.jar:/usr/lib/hbase/bin/../lib/jaxb-impl-2
.2.3-1.jar:/usr/lib/hbase/bin/../lib/jcodings-1.0.8.jar:/usr/lib/hbase/bin/../lib/j
ersey-client-1.9.jar:/usr/lib/hbase/bin/../lib/jersey-core-1.9.jar:/usr/lib/hbase/b
in/../lib/jersey-json-1.9.jar:/usr/lib/hbase/bin/../lib/jersey-server-1.9.jar:/usr/
lib/hbase/bin/../lib/jets3t-0.9.0.jar:/usr/lib/hbase/bin/../lib/jettison-1.3.3.jar:
/usr/lib/hbase/bin/../lib/jetty-6.1.26.cloudera.4.jar:/usr/lib/hbase/bin/../lib/jet
ty-sslengine-6.1.26.cloudera.4.jar:/usr/lib/hbase/bin/../lib/jetty-util-6.1.26.clou
dera.4.jar:/usr/lib/hbase/bin/../lib/joni-2.1.2.jar:/usr/lib/hbase/bin/../lib/jruby
-cloudera-1.0.0.jar:/usr/lib/hbase/bin/../lib/jsch-0.1.42.jar:/usr/lib/hbase/bin/..
/lib/jsp-2.1-6.1.14.jar:/usr/lib/hbase/bin/../lib/jsp-api-2.1-6.1.14.jar:/usr/lib/h
base/bin/../lib/jsp-api-2.1.jar:/usr/lib/hbase/bin/../lib/junit-4.12.jar:/usr/lib/h
base/bin/../lib/leveldbjni-all-1.8.jar:/usr/lib/hbase/bin/../lib/libthrift-0.9.3.ja
r:/usr/lib/hbase/bin/../lib/log4j-1.2.17.jar:/usr/lib/hbase/bin/../lib/metrics-core
-2.2.0.jar:/usr/lib/hbase/bin/../lib/netty-all-4.0.23.Final.jar:/usr/lib/hbase/bin/
../lib/paranamer-2.3.jar:/usr/lib/hbase/bin/../lib/protobuf-java-2.5.0.jar:/usr/lib
/hbase/bin/../lib/servlet-api-2.5-6.1.14.jar:/usr/lib/hbase/bin/../lib/servlet-api-
2.5.jar:/usr/lib/hbase/bin/../lib/slf4j-api-1.7.5.jar:/usr/lib/hbase/bin/../lib/slf
4j-log4j12.jar:/usr/lib/hbase/bin/../lib/snappy-java-1.0.4.1.jar:/usr/lib/hbase/bin
/../lib/spymemcached-2.11.6.jar:/usr/lib/hbase/bin/../lib/xmlenc-0.52.jar:/usr/lib/
hbase/bin/../lib/xz-1.0.jar:/usr/lib/hbase/bin/../lib/zookeeper.jar:/etc/hadoop/con
f:/usr/lib/hadoop/lib/aws-java-sdk-bundle-1.11.134.jar:/usr/lib/hadoop/lib/commons-
configuration-1.6.jar:/usr/lib/hadoop/lib/netty-3.10.5.Final.jar:/usr/lib/hadoop/li
b/apacheds-kerberos-codec-2.0.0-M15.jar:/usr/lib/hadoop/lib/activation-1.1.jar:/usr
/lib/hadoop/lib/jackson-jaxrs-1.8.8.jar:/usr/lib/hadoop/lib/log4j-1.2.17.jar:/usr/l
ib/hadoop/lib/httpclient-4.2.5.jar:/usr/lib/hadoop/lib/snappy-java-1.0.4.1.jar:/usr
/lib/hadoop/lib/jersey-core-1.9.jar:/usr/lib/hadoop/lib/commons-httpclient-3.1.jar:
/usr/lib/hadoop/lib/api-util-1.0.0-M20.jar:/usr/lib/hadoop/lib/jsch-0.1.42.jar:/usr
/lib/hadoop/lib/commons-logging-1.1.3.jar:/usr/lib/hadoop/lib/stax-api-1.0-2.jar:/u
sr/lib/hadoop/lib/hamcrest-core-1.3.jar:/usr/lib/hadoop/lib/paranamer-2.3.jar:/usr/
```

```
lib/hadoop/lib/junit-4.11.jar:/usr/lib/hadoop/lib/httpcore-4.2.5.jar:/usr/lib/hadoo
p/lib/jetty-6.1.26.cloudera.4.jar:/usr/lib/hadoop/lib/avro.jar:/usr/lib/hadoop/lib/
commons-beanutils-core-1.8.0.jar:/usr/lib/hadoop/lib/gson-2.2.4.jar:/usr/lib/hadoop
/lib/commons-collections-3.2.2.jar:/usr/lib/hadoop/lib/servlet-api-2.5.jar:/usr/lib
/hadoop/lib/jersey-json-1.9.jar:/usr/lib/hadoop/lib/commons-beanutils-1.9.2.jar:/us
r/lib/hadoop/lib/commons-math3-3.1.1.jar:/usr/lib/hadoop/lib/commons-digester-1.8.j
ar:/usr/lib/hadoop/lib/api-asn1-api-1.0.0-M20.jar:/usr/lib/hadoop/lib/commons-compr
ess-1.4.1.jar:/usr/lib/hadoop/lib/jets3t-0.9.0.jar:/usr/lib/hadoop/lib/commons-el-1
.0.jar:/usr/lib/hadoop/lib/xz-1.0.jar:/usr/lib/hadoop/lib/jasper-runtime-5.5.23.jar
:/usr/lib/hadoop/lib/commons-codec-1.4.jar:/usr/lib/hadoop/lib/commons-net-3.1.jar:
/usr/lib/hadoop/lib/jersey-server-1.9.jar:/usr/lib/hadoop/lib/jettison-1.1.jar:/usr
/lib/hadoop/lib/asm-3.2.jar:/usr/lib/hadoop/lib/jsr305-3.0.0.jar:/usr/lib/hadoop/li
b/commons-lang-2.6.jar:/usr/lib/hadoop/lib/jetty-util-6.1.26.cloudera.4.jar:/usr/li
b/hadoop/lib/mockito-all-1.8.5.jar:/usr/lib/hadoop/lib/jasper-compiler-5.5.23.jar:/
usr/lib/hadoop/lib/protobuf-java-2.5.0.jar:/usr/lib/hadoop/lib/guava-11.0.2.jar:/us
r/lib/hadoop/lib/commons-io-2.4.jar:/usr/lib/hadoop/lib/slf4j-log4j12.jar:/usr/lib/
hadoop/lib/commons-cli-1.2.jar:/usr/lib/hadoop/lib/curator-framework-2.7.1.jar:/usr
/lib/hadoop/lib/curator-client-2.7.1.jar:/usr/lib/hadoop/lib/jaxb-api-2.2.2.jar:/us
r/lib/hadoop/lib/slf4j-api-1.7.5.jar:/usr/lib/hadoop/lib/hue-plugins-3.9.0-cdh5.13.
0.jar:/usr/lib/hadoop/lib/xmlenc-0.52.jar:/usr/lib/hadoop/lib/zookeeper.jar:/usr/li
b/hadoop/lib/jaxb-impl-2.2.3-1.jar:/usr/lib/hadoop/lib/java-xmlbuilder-0.4.jar:/usr
/lib/hadoop/lib/curator-recipes-2.7.1.jar:/usr/lib/hadoop/lib/logredactor-1.0.3.jar
:/usr/lib/hadoop/lib/htrace-core4-4.0.1-incubating.jar:/usr/lib/hadoop/lib/jsp-api-
2.1.jar:/usr/lib/hadoop/lib/apacheds-i18n-2.0.0-M15.jar:/usr/lib/hadoop/lib/azure-d
ata-lake-store-sdk-2.2.3.jar:/usr/lib/hadoop/lib/jackson-xc-1.8.8.jar:/usr/lib/hado
op/.//parquet-test-hadoop2.jar:/usr/lib/hadoop/.//parquet-generator.jar:/usr/lib/ha
doop/.//parquet-pig.jar:/usr/lib/hadoop/.//parquet-jackson.jar:/usr/lib/hadoop/.//p
arquet-tools.jar:/usr/lib/hadoop/.//parquet-protobuf.jar:/usr/lib/hadoop/.//parquet
-format-javadoc.jar:/usr/lib/hadoop/.//hadoop-aws-2.6.0-cdh5.13.0.jar:/usr/lib/hado
op/.//hadoop-common-2.6.0-cdh5.13.0-tests.jar:/usr/lib/hadoop/.//parquet-hadoop-bun
dle.jar:/usr/lib/hadoop/.//hadoop-aws.jar:/usr/lib/hadoop/.//parquet-format-sources
.jar:/usr/lib/hadoop/.//parquet-thrift.jar:/usr/lib/hadoop/.//parquet-scala_2.10.ja
r:/usr/lib/hadoop/.//parquet-format.jar:/usr/lib/hadoop/.//parquet-cascading.jar:/u
sr/lib/hadoop/.//hadoop-common-tests.jar:/usr/lib/hadoop/.//parquet-scrooge_2.10.ja
r:/usr/lib/hadoop/.//parquet-column.jar:/usr/lib/hadoop/.//parquet-hadoop.jar:/usr/
lib/hadoop/.//parquet-common.jar:/usr/lib/hadoop/.//hadoop-annotations.jar:/usr/lib
/hadoop/.//hadoop-azure-datalake.jar:/usr/lib/hadoop/.//hadoop-nfs-2.6.0-cdh5.13.0.
jar:/usr/lib/hadoop/.//hadoop-annotations-2.6.0-cdh5.13.0.jar:/usr/lib/hadoop/.//ha
doop-auth-2.6.0-cdh5.13.0.jar:/usr/lib/hadoop/.//parquet-pig-bundle.jar:/usr/lib/ha
doop/.//hadoop-nfs.jar:/usr/lib/hadoop/.//hadoop-common-2.6.0-cdh5.13.0.jar:/usr/li
b/hadoop/.//parquet-avro.jar:/usr/lib/hadoop/.//hadoop-azure-datalake-2.6.0-cdh5.13
.0.jar:/usr/lib/hadoop/.//parquet-encoding.jar:/usr/lib/hadoop/.//hadoop-auth.jar:/
usr/lib/hadoop/.//hadoop-common.jar:/usr/lib/hadoop-hdfs/./:/usr/lib/hadoop-hdfs/li
b/netty-3.10.5.Final.jar:/usr/lib/hadoop-hdfs/lib/log4j-1.2.17.jar:/usr/lib/hadoop-
hdfs/lib/jersey-core-1.9.jar:/usr/lib/hadoop-hdfs/lib/xercesImpl-2.9.1.jar:/usr/lib
/hadoop-hdfs/lib/commons-logging-1.1.3.jar:/usr/lib/hadoop-hdfs/lib/commons-daemon-
1.0.13.jar:/usr/lib/hadoop-hdfs/lib/jackson-core-asl-1.8.8.jar:/usr/lib/hadoop-hdfs
/lib/jetty-6.1.26.cloudera.4.jar:/usr/lib/hadoop-hdfs/lib/servlet-api-2.5.jar:/usr/
lib/hadoop-hdfs/lib/commons-el-1.0.jar:/usr/lib/hadoop-hdfs/lib/jasper-runtime-5.5.
23.jar:/usr/lib/hadoop-hdfs/lib/xml-apis-1.3.04.jar:/usr/lib/hadoop-hdfs/lib/common
```

s-codec-1.4.jar:/usr/lib/hadoop-hdfs/lib/jersey-server-1.9.jar:/usr/lib/hadoop-hdfs
/lib/asm-3.2.jar:/usr/lib/hadoop-hdfs/lib/jsr305-3.0.0.jar:/usr/lib/hadoop-hdfs/lib
/commons-lang-2.6.jar:/usr/lib/hadoop-hdfs/lib/jetty-util-6.1.26.cloudera.4.jar:/us
r/lib/hadoop-hdfs/lib/leveldbjni-all-1.8.jar:/usr/lib/hadoop-hdfs/lib/protobuf-java
-2.5.0.jar:/usr/lib/hadoop-hdfs/lib/guava-11.0.2.jar:/usr/lib/hadoop-hdfs/lib/commo
ns-io-2.4.jar:/usr/lib/hadoop-hdfs/lib/commons-cli-1.2.jar:/usr/lib/hadoop-hdfs/lib
/jackson-mapper-asl-1.8.8.jar:/usr/lib/hadoop-hdfs/lib/xmlenc-0.52.jar:/usr/lib/had
oop-hdfs/lib/htrace-core4-4.0.1-incubating.jar:/usr/lib/hadoop-hdfs/lib/jsp-api-2.1
.jar:/usr/lib/hadoop-hdfs/.//hadoop-hdfs.jar:/usr/lib/hadoop-hdfs/.//hadoop-hdfs-nf
s.jar:/usr/lib/hadoop-hdfs/.//hadoop-hdfs-tests.jar:/usr/lib/hadoop-hdfs/.//hadoop-
hdfs-nfs-2.6.0-cdh5.13.0.jar:/usr/lib/hadoop-hdfs/.//hadoop-hdfs-2.6.0-cdh5.13.0.ja
r:/usr/lib/hadoop-hdfs/.//hadoop-hdfs-2.6.0-cdh5.13.0-tests.jar:/usr/lib/hadoop-yar
n/lib/aopalliance-1.0.jar:/usr/lib/hadoop-yarn/lib/activation-1.1.jar:/usr/lib/hado
op-yarn/lib/jackson-jaxrs-1.8.8.jar:/usr/lib/hadoop-yarn/lib/log4j-1.2.17.jar:/usr/
lib/hadoop-yarn/lib/jersey-client-1.9.jar:/usr/lib/hadoop-yarn/lib/jersey-core-1.9.
jar:/usr/lib/hadoop-yarn/lib/jersey-guice-1.9.jar:/usr/lib/hadoop-yarn/lib/commons-
logging-1.1.3.jar:/usr/lib/hadoop-yarn/lib/stax-api-1.0-2.jar:/usr/lib/hadoop-yarn/
lib/jackson-core-asl-1.8.8.jar:/usr/lib/hadoop-yarn/lib/spark-1.6.0-cdh5.13.0-yarn-
shuffle.jar:/usr/lib/hadoop-yarn/lib/jetty-6.1.26.cloudera.4.jar:/usr/lib/hadoop-ya
rn/lib/commons-collections-3.2.2.jar:/usr/lib/hadoop-yarn/lib/servlet-api-2.5.jar:/
usr/lib/hadoop-yarn/lib/jersey-json-1.9.jar:/usr/lib/hadoop-yarn/lib/commons-compre
ss-1.4.1.jar:/usr/lib/hadoop-yarn/lib/xz-1.0.jar:/usr/lib/hadoop-yarn/lib/jline-2.1
1.jar:/usr/lib/hadoop-yarn/lib/commons-codec-1.4.jar:/usr/lib/hadoop-yarn/lib/jerse
y-server-1.9.jar:/usr/lib/hadoop-yarn/lib/jettison-1.1.jar:/usr/lib/hadoop-yarn/lib
/asm-3.2.jar:/usr/lib/hadoop-yarn/lib/jsr305-3.0.0.jar:/usr/lib/hadoop-yarn/lib/com
mons-lang-2.6.jar:/usr/lib/hadoop-yarn/lib/jetty-util-6.1.26.cloudera.4.jar:/usr/li
b/hadoop-yarn/lib/guice-servlet-3.0.jar:/usr/lib/hadoop-yarn/lib/leveldbjni-all-1.8
.jar:/usr/lib/hadoop-yarn/lib/protobuf-java-2.5.0.jar:/usr/lib/hadoop-yarn/lib/guav
a-11.0.2.jar:/usr/lib/hadoop-yarn/lib/commons-io-2.4.jar:/usr/lib/hadoop-yarn/lib/c
ommons-cli-1.2.jar:/usr/lib/hadoop-yarn/lib/jaxb-api-2.2.2.jar:/usr/lib/hadoop-yarn
/lib/javax.inject-1.jar:/usr/lib/hadoop-yarn/lib/spark-yarn-shuffle.jar:/usr/lib/ha
doop-yarn/lib/jackson-mapper-asl-1.8.8.jar:/usr/lib/hadoop-yarn/lib/zookeeper.jar:/
usr/lib/hadoop-yarn/lib/jaxb-impl-2.2.3-1.jar:/usr/lib/hadoop-yarn/lib/guice-3.0.ja
r:/usr/lib/hadoop-yarn/lib/jackson-xc-1.8.8.jar:/usr/lib/hadoop-yarn/.//hadoop-yarn
-server-common.jar:/usr/lib/hadoop-yarn/.//hadoop-yarn-applications-unmanaged-am-la
uncher.jar:/usr/lib/hadoop-yarn/.//hadoop-yarn-server-nodemanager-2.6.0-cdh5.13.0.j
ar:/usr/lib/hadoop-yarn/.//hadoop-yarn-server-tests-2.6.0-cdh5.13.0.jar:/usr/lib/ha
doop-yarn/.//hadoop-yarn-applications-unmanaged-am-launcher-2.6.0-cdh5.13.0.jar:/us
r/lib/hadoop-yarn/.//hadoop-yarn-server-resourcemanager-2.6.0-cdh5.13.0.jar:/usr/li
b/hadoop-yarn/.//hadoop-yarn-api-2.6.0-cdh5.13.0.jar:/usr/lib/hadoop-yarn/.//hadoop
-yarn-client.jar:/usr/lib/hadoop-yarn/.//hadoop-yarn-server-web-proxy.jar:/usr/lib/
hadoop-yarn/.//hadoop-yarn-server-resourcemanager.jar:/usr/lib/hadoop-yarn/.//hadoo
p-yarn-registry.jar:/usr/lib/hadoop-yarn/.//hadoop-yarn-common-2.6.0-cdh5.13.0.jar:
/usr/lib/hadoop-yarn/.//hadoop-yarn-api.jar:/usr/lib/hadoop-yarn/.//hadoop-yarn-cli
ent-2.6.0-cdh5.13.0.jar:/usr/lib/hadoop-yarn/.//hadoop-yarn-server-applicationhisto
ryservice-2.6.0-cdh5.13.0.jar:/usr/lib/hadoop-yarn/.//hadoop-yarn-applications-dist
ributedshell-2.6.0-cdh5.13.0.jar:/usr/lib/hadoop-yarn/.//hadoop-yarn-registry-2.6.0
-cdh5.13.0.jar:/usr/lib/hadoop-yarn/.//hadoop-yarn-server-common-2.6.0-cdh5.13.0.ja
r:/usr/lib/hadoop-yarn/.//hadoop-yarn-applications-distributedshell.jar:/usr/lib/ha
doop-yarn/.//hadoop-yarn-server-applicationhistoryservice.jar:/usr/lib/hadoop-yarn/

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.//hadoop-yarn-common.jar:/usr/lib/hadoop-yarn/.//hadoop-yarn-server-web-proxy-2.6.
0-cdh5.13.0.jar:/usr/lib/hadoop-yarn/.//hadoop-yarn-server-tests.jar:/usr/lib/hadoo
p-yarn/.//hadoop-yarn-server-nodemanager.jar:/usr/lib/hadoop-mapreduce/lib/netty-3.
10.5.Final.jar:/usr/lib/hadoop-mapreduce/lib/aopalliance-1.0.jar:/usr/lib/hadoop-ma
preduce/lib/log4j-1.2.17.jar:/usr/lib/hadoop-mapreduce/lib/snappy-java-1.0.4.1.jar:
/usr/lib/hadoop-mapreduce/lib/jersey-core-1.9.jar:/usr/lib/hadoop-mapreduce/lib/jer
sey-guice-1.9.jar:/usr/lib/hadoop-mapreduce/lib/hamcrest-core-1.3.jar:/usr/lib/hado
op-mapreduce/lib/paranamer-2.3.jar:/usr/lib/hadoop-mapreduce/lib/junit-4.11.jar:/us
r/lib/hadoop-mapreduce/lib/jackson-core-asl-1.8.8.jar:/usr/lib/hadoop-mapreduce/lib
/avro.jar:/usr/lib/hadoop-mapreduce/lib/commons-compress-1.4.1.jar:/usr/lib/hadoop-
mapreduce/lib/xz-1.0.jar:/usr/lib/hadoop-mapreduce/lib/jersey-server-1.9.jar:/usr/l
ib/hadoop-mapreduce/lib/asm-3.2.jar:/usr/lib/hadoop-mapreduce/lib/guice-servlet-3.0
.jar:/usr/lib/hadoop-mapreduce/lib/leveldbjni-all-1.8.jar:/usr/lib/hadoop-mapreduce
/lib/protobuf-java-2.5.0.jar:/usr/lib/hadoop-mapreduce/lib/commons-io-2.4.jar:/usr/
lib/hadoop-mapreduce/lib/javax.inject-1.jar:/usr/lib/hadoop-mapreduce/lib/jackson-m
apper-asl-1.8.8.jar:/usr/lib/hadoop-mapreduce/lib/guice-3.0.jar:/usr/lib/hadoop-map
reduce/.//hadoop-openstack-2.6.0-cdh5.13.0.jar:/usr/lib/hadoop-mapreduce/.//commons
-configuration-1.6.jar:/usr/lib/hadoop-mapreduce/.//hadoop-mapreduce-client-nativet
ask-2.6.0-cdh5.13.0.jar:/usr/lib/hadoop-mapreduce/.//hadoop-archives.jar:/usr/lib/h
adoop-mapreduce/.//apacheds-kerberos-codec-2.0.0-M15.jar:/usr/lib/hadoop-mapreduce/
.//hadoop-datajoin.jar:/usr/lib/hadoop-mapreduce/.//hadoop-mapreduce-client-hs.jar:
/usr/lib/hadoop-mapreduce/.//activation-1.1.jar:/usr/lib/hadoop-mapreduce/.//jackso
n-jaxrs-1.8.8.jar:/usr/lib/hadoop-mapreduce/.//hadoop-mapreduce-client-core.jar:/us
r/lib/hadoop-mapreduce/.//log4j-1.2.17.jar:/usr/lib/hadoop-mapreduce/.//httpclient-
4.2.5.jar:/usr/lib/hadoop-mapreduce/.//snappy-java-1.0.4.1.jar:/usr/lib/hadoop-mapr
educe/.//okio-1.4.0.jar:/usr/lib/hadoop-mapreduce/.//jersey-core-1.9.jar:/usr/lib/h
adoop-mapreduce/.//microsoft-windowsazure-storage-sdk-0.6.0.jar:/usr/lib/hadoop-map
reduce/.//hadoop-mapreduce-examples-2.6.0-cdh5.13.0.jar:/usr/lib/hadoop-mapreduce/.
//commons-httpclient-3.1.jar:/usr/lib/hadoop-mapreduce/.//api-util-1.0.0-M20.jar:/u
sr/lib/hadoop-mapreduce/.//jsch-0.1.42.jar:/usr/lib/hadoop-mapreduce/.//hadoop-extr
as.jar:/usr/lib/hadoop-mapreduce/.//metrics-core-3.0.2.jar:/usr/lib/hadoop-mapreduc
e/.//commons-logging-1.1.3.jar:/usr/lib/hadoop-mapreduce/.//hadoop-archive-logs-2.6
.0-cdh5.13.0.jar:/usr/lib/hadoop-mapreduce/.//stax-api-1.0-2.jar:/usr/lib/hadoop-ma
preduce/.//jackson-core-2.2.3.jar:/usr/lib/hadoop-mapreduce/.//hamcrest-core-1.3.ja
r:/usr/lib/hadoop-mapreduce/.//paranamer-2.3.jar:/usr/lib/hadoop-mapreduce/.//junit
-4.11.jar:/usr/lib/hadoop-mapreduce/.//hadoop-mapreduce-client-shuffle.jar:/usr/lib
/hadoop-mapreduce/.//jackson-core-asl-1.8.8.jar:/usr/lib/hadoop-mapreduce/.//hadoop
-mapreduce-client-app-2.6.0-cdh5.13.0.jar:/usr/lib/hadoop-mapreduce/.//httpcore-4.2
.5.jar:/usr/lib/hadoop-mapreduce/.//hadoop-mapreduce-client-core-2.6.0-cdh5.13.0.ja
r:/usr/lib/hadoop-mapreduce/.//jetty-6.1.26.cloudera.4.jar:/usr/lib/hadoop-mapreduc
e/.//avro.jar:/usr/lib/hadoop-mapreduce/.//hadoop-mapreduce-client-hs-plugins-2.6.0
-cdh5.13.0.jar:/usr/lib/hadoop-mapreduce/.//commons-beanutils-core-1.8.0.jar:/usr/l
ib/hadoop-mapreduce/.//gson-2.2.4.jar:/usr/lib/hadoop-mapreduce/.//commons-collecti
ons-3.2.2.jar:/usr/lib/hadoop-mapreduce/.//hadoop-mapreduce-client-nativetask.jar:/
usr/lib/hadoop-mapreduce/.//servlet-api-2.5.jar:/usr/lib/hadoop-mapreduce/.//okhttp
-2.4.0.jar:/usr/lib/hadoop-mapreduce/.//jersey-json-1.9.jar:/usr/lib/hadoop-mapredu
ce/.//commons-beanutils-1.9.2.jar:/usr/lib/hadoop-mapreduce/.//hadoop-mapreduce-exa
mples.jar:/usr/lib/hadoop-mapreduce/.//commons-math3-3.1.1.jar:/usr/lib/hadoop-mapr
educe/.//commons-digester-1.8.jar:/usr/lib/hadoop-mapreduce/.//hadoop-rumen.jar:/us
r/lib/hadoop-mapreduce/.//api-asn1-api-1.0.0-M20.jar:/usr/lib/hadoop-mapreduce/.//h
```

adoop-mapreduce-client-hs-2.6.0-cdh5.13.0.jar:/usr/lib/hadoop-mapreduce/.//commons-
compress-1.4.1.jar:/usr/lib/hadoop-mapreduce/.//jets3t-0.9.0.jar:/usr/lib/hadoop-ma
preduce/.//commons-el-1.0.jar:/usr/lib/hadoop-mapreduce/.//hadoop-ant-2.6.0-cdh5.13
.0.jar:/usr/lib/hadoop-mapreduce/.//xz-1.0.jar:/usr/lib/hadoop-mapreduce/.//jasper-
runtime-5.5.23.jar:/usr/lib/hadoop-mapreduce/.//hadoop-azure-2.6.0-cdh5.13.0.jar:/u
sr/lib/hadoop-mapreduce/.//hadoop-openstack.jar:/usr/lib/hadoop-mapreduce/.//hadoop
-mapreduce-client-shuffle-2.6.0-cdh5.13.0.jar:/usr/lib/hadoop-mapreduce/.//jackson-
annotations-2.2.3.jar:/usr/lib/hadoop-mapreduce/.//hadoop-mapreduce-client-jobclien
t.jar:/usr/lib/hadoop-mapreduce/.//hadoop-mapreduce-client-jobclient-2.6.0-cdh5.13.
0.jar:/usr/lib/hadoop-mapreduce/.//commons-codec-1.4.jar:/usr/lib/hadoop-mapreduce/
.//hadoop-mapreduce-client-hs-plugins.jar:/usr/lib/hadoop-mapreduce/.//hadoop-gridm
ix.jar:/usr/lib/hadoop-mapreduce/.//commons-net-3.1.jar:/usr/lib/hadoop-mapreduce/.
//hadoop-archives-2.6.0-cdh5.13.0.jar:/usr/lib/hadoop-mapreduce/.//jersey-server-1.
9.jar:/usr/lib/hadoop-mapreduce/.//hadoop-distcp.jar:/usr/lib/hadoop-mapreduce/.//h
adoop-rumen-2.6.0-cdh5.13.0.jar:/usr/lib/hadoop-mapreduce/.//jettison-1.1.jar:/usr/
lib/hadoop-mapreduce/.//asm-3.2.jar:/usr/lib/hadoop-mapreduce/.//jsr305-3.0.0.jar:/
usr/lib/hadoop-mapreduce/.//hadoop-sls.jar:/usr/lib/hadoop-mapreduce/.//commons-lan
g-2.6.jar:/usr/lib/hadoop-mapreduce/.//jetty-util-6.1.26.cloudera.4.jar:/usr/lib/ha
doop-mapreduce/.//hadoop-auth-2.6.0-cdh5.13.0.jar:/usr/lib/hadoop-mapreduce/.//mock
ito-all-1.8.5.jar:/usr/lib/hadoop-mapreduce/.//hadoop-mapreduce-client-jobclient-2.
6.0-cdh5.13.0-tests.jar:/usr/lib/hadoop-mapreduce/.//hadoop-mapreduce-client-common
.jar:/usr/lib/hadoop-mapreduce/.//jasper-compiler-5.5.23.jar:/usr/lib/hadoop-mapred
uce/.//protobuf-java-2.5.0.jar:/usr/lib/hadoop-mapreduce/.//guava-11.0.2.jar:/usr/l
ib/hadoop-mapreduce/.//commons-io-2.4.jar:/usr/lib/hadoop-mapreduce/.//commons-cli-
1.2.jar:/usr/lib/hadoop-mapreduce/.//hadoop-mapreduce-client-jobclient-tests.jar:/u
sr/lib/hadoop-mapreduce/.//hadoop-ant.jar:/usr/lib/hadoop-mapreduce/.//curator-fram
ework-2.7.1.jar:/usr/lib/hadoop-mapreduce/.//hadoop-datajoin-2.6.0-cdh5.13.0.jar:/u
sr/lib/hadoop-mapreduce/.//curator-client-2.7.1.jar:/usr/lib/hadoop-mapreduce/.//ja
xb-api-2.2.2.jar:/usr/lib/hadoop-mapreduce/.//hadoop-mapreduce-client-common-2.6.0-
cdh5.13.0.jar:/usr/lib/hadoop-mapreduce/.//hadoop-streaming-2.6.0-cdh5.13.0.jar:/us
r/lib/hadoop-mapreduce/.//jackson-mapper-asl-1.8.8.jar:/usr/lib/hadoop-mapreduce/./
/xmlenc-0.52.jar:/usr/lib/hadoop-mapreduce/.//hadoop-distcp-2.6.0-cdh5.13.0.jar:/us
r/lib/hadoop-mapreduce/.//hadoop-streaming.jar:/usr/lib/hadoop-mapreduce/.//zookeep
er.jar:/usr/lib/hadoop-mapreduce/.//jackson-databind-2.2.3.jar:/usr/lib/hadoop-mapr
educe/.//jaxb-impl-2.2.3-1.jar:/usr/lib/hadoop-mapreduce/.//hadoop-archive-logs.jar
:/usr/lib/hadoop-mapreduce/.//java-xmlbuilder-0.4.jar:/usr/lib/hadoop-mapreduce/.//
curator-recipes-2.7.1.jar:/usr/lib/hadoop-mapreduce/.//hadoop-sls-2.6.0-cdh5.13.0.j
ar:/usr/lib/hadoop-mapreduce/.//hadoop-extras-2.6.0-cdh5.13.0.jar:/usr/lib/hadoop-m
apreduce/.//htrace-core4-4.0.1-incubating.jar:/usr/lib/hadoop-mapreduce/.//jsp-api-
2.1.jar:/usr/lib/hadoop-mapreduce/.//apacheds-i18n-2.0.0-M15.jar:/usr/lib/hadoop-ma
preduce/.//hadoop-gridmix-2.6.0-cdh5.13.0.jar:/usr/lib/hadoop-mapreduce/.//hadoop-m
apreduce-client-app.jar:/usr/lib/hadoop-mapreduce/.//hadoop-auth.jar:/usr/lib/hadoo
p-mapreduce/.//jackson-xc-1.8.8.jar:/usr/lib/hadoop-mapreduce/.//hadoop-azure.jar:/
etc/hadoop/conf/usr/lib/hadoop/*:/usr/lib/hadoop/lib/aws-java-sdk-bundle-1.11.134.j
ar:/usr/lib/hadoop/lib/commons-configuration-1.6.jar:/usr/lib/hadoop/lib/netty-3.10
.5.Final.jar:/usr/lib/hadoop/lib/apacheds-kerberos-codec-2.0.0-M15.jar:/usr/lib/had
oop/lib/activation-1.1.jar:/usr/lib/hadoop/lib/jackson-jaxrs-1.8.8.jar:/usr/lib/had
oop/lib/log4j-1.2.17.jar:/usr/lib/hadoop/lib/httpclient-4.2.5.jar:/usr/lib/hadoop/l
ib/snappy-java-1.0.4.1.jar:/usr/lib/hadoop/lib/jersey-core-1.9.jar:/usr/lib/hadoop/
lib/commons-httpclient-3.1.jar:/usr/lib/hadoop/lib/api-util-1.0.0-M20.jar:/usr/lib/

hadoop/lib/jsch-0.1.42.jar:/usr/lib/hadoop/lib/commons-logging-1.1.3.jar:/usr/lib/h
adoop/lib/stax-api-1.0-2.jar:/usr/lib/hadoop/lib/hamcrest-core-1.3.jar:/usr/lib/had
oop/lib/paranamer-2.3.jar:/usr/lib/hadoop/lib/junit-4.11.jar:/usr/lib/hadoop/lib/ht
tpcore-4.2.5.jar:/usr/lib/hadoop/lib/jetty-6.1.26.cloudera.4.jar:/usr/lib/hadoop/li
b/avro.jar:/usr/lib/hadoop/lib/commons-beanutils-core-1.8.0.jar:/usr/lib/hadoop/lib
/gson-2.2.4.jar:/usr/lib/hadoop/lib/commons-collections-3.2.2.jar:/usr/lib/hadoop/l
ib/servlet-api-2.5.jar:/usr/lib/hadoop/lib/jersey-json-1.9.jar:/usr/lib/hadoop/lib/
commons-beanutils-1.9.2.jar:/usr/lib/hadoop/lib/commons-math3-3.1.1.jar:/usr/lib/ha
doop/lib/commons-digester-1.8.jar:/usr/lib/hadoop/lib/api-asn1-api-1.0.0-M20.jar:/u
sr/lib/hadoop/lib/commons-compress-1.4.1.jar:/usr/lib/hadoop/lib/jets3t-0.9.0.jar:/
usr/lib/hadoop/lib/commons-el-1.0.jar:/usr/lib/hadoop/lib/xz-1.0.jar:/usr/lib/hadoo
p/lib/jasper-runtime-5.5.23.jar:/usr/lib/hadoop/lib/commons-codec-1.4.jar:/usr/lib/
hadoop/lib/commons-net-3.1.jar:/usr/lib/hadoop/lib/jersey-server-1.9.jar:/usr/lib/h
adoop/lib/jettison-1.1.jar:/usr/lib/hadoop/lib/asm-3.2.jar:/usr/lib/hadoop/lib/jsr3
05-3.0.0.jar:/usr/lib/hadoop/lib/commons-lang-2.6.jar:/usr/lib/hadoop/lib/jetty-uti
l-6.1.26.cloudera.4.jar:/usr/lib/hadoop/lib/mockito-all-1.8.5.jar:/usr/lib/hadoop/l
ib/jasper-compiler-5.5.23.jar:/usr/lib/hadoop/lib/protobuf-java-2.5.0.jar:/usr/lib/
hadoop/lib/guava-11.0.2.jar:/usr/lib/hadoop/lib/commons-io-2.4.jar:/usr/lib/hadoop/
lib/slf4j-log4j12.jar:/usr/lib/hadoop/lib/commons-cli-1.2.jar:/usr/lib/hadoop/lib/c
urator-framework-2.7.1.jar:/usr/lib/hadoop/lib/curator-client-2.7.1.jar:/usr/lib/ha
doop/lib/jaxb-api-2.2.2.jar:/usr/lib/hadoop/lib/slf4j-api-1.7.5.jar:/usr/lib/hadoop
/lib/hue-plugins-3.9.0-cdh5.13.0.jar:/usr/lib/hadoop/lib/xmlenc-0.52.jar:/usr/lib/h
adoop/lib/zookeeper.jar:/usr/lib/hadoop/lib/jaxb-impl-2.2.3-1.jar:/usr/lib/hadoop/l
ib/java-xmlbuilder-0.4.jar:/usr/lib/hadoop/lib/curator-recipes-2.7.1.jar:/usr/lib/h
adoop/lib/logredactor-1.0.3.jar:/usr/lib/hadoop/lib/htrace-core4-4.0.1-incubating.j
ar:/usr/lib/hadoop/lib/jsp-api-2.1.jar:/usr/lib/hadoop/lib/apacheds-i18n-2.0.0-M15.
jar:/usr/lib/hadoop/lib/azure-data-lake-store-sdk-2.2.3.jar:/usr/lib/hadoop/lib/jac
kson-xc-1.8.8.jar:/usr/lib/zookeeper/zookeeper-3.4.5-cdh5.13.0.jar:/usr/lib/zookeep
er/zookeeper.jar:/usr/lib/zookeeper/lib/netty-3.10.5.Final.jar:/usr/lib/zookeeper/l
ib/slf4j-log4j12-1.7.5.jar:/usr/lib/zookeeper/lib/jline-2.11.jar:/usr/lib/zookeeper
/lib/log4j-1.2.16.jar:/usr/lib/zookeeper/lib/slf4j-log4j12.jar:/usr/lib/zookeeper/l
ib/slf4j-api-1.7.5.jar:
22/01/23 09:52:55 INFO zookeeper.ZooKeeper: Client
environment:java.library.path=/usr/lib/hadoop/lib/native:/usr/lib/hbase/bin/../lib/
native/Linux-amd64-64
22/01/23 09:52:55 INFO zookeeper.ZooKeeper: Client environment:java.io.tmpdir=/tmp
22/01/23 09:52:55 INFO zookeeper.ZooKeeper: Client environment:java.compiler=<NA>
22/01/23 09:52:55 INFO zookeeper.ZooKeeper: Client environment:os.name=Linux
22/01/23 09:52:55 INFO zookeeper.ZooKeeper: Client environment:os.arch=amd64
22/01/23 09:52:55 INFO zookeeper.ZooKeeper: Client
environment:os.version=2.6.32-573.el6.x86_64
22/01/23 09:52:55 INFO zookeeper.ZooKeeper: Client environment:user.name=cloudera
22/01/23 09:52:55 INFO zookeeper.ZooKeeper: Client
environment:user.home=/home/cloudera
22/01/23 09:52:55 INFO zookeeper.ZooKeeper: Client
environment:user.dir=/home/cloudera
22/01/23 09:52:55 INFO zookeeper.ZooKeeper: Initiating client connection,
connectString=quickstart.cloudera:2181 sessionTimeout=60000
watcher=hconnection-0x544fa9680x0, quorum=quickstart.cloudera:2181,
baseZNode=/hbase

```
22/01/23 09:52:55 INFO zookeeper.ClientCnxn: Opening socket connection to server
quickstart.cloudera/192.168.230.128:2181. Will not attempt to authenticate using
SASL (unknown error)
22/01/23 09:52:55 INFO zookeeper.ClientCnxn: Socket connection established,
initiating session, client: /192.168.230.128:60136, server:
quickstart.cloudera/192.168.230.128:2181
22/01/23 09:52:55 INFO zookeeper.ClientCnxn: Session establishment complete on
server quickstart.cloudera/192.168.230.128:2181, sessionid = 0x17e870363f904a7,
negotiated timeout = 60000
22/01/23 09:53:00 INFO Configuration.deprecation: io.bytes.per.checksum is
deprecated. Instead, use dfs.bytes-per-checksum
22/01/23 09:53:01 INFO client.ConnectionManager$HConnectionImplementation: Closing
zookeeper sessionid=0x17e870363f904a7
22/01/23 09:53:01 INFO zookeeper.ClientCnxn: EventThread shut down
22/01/23 09:53:01 INFO zookeeper.ZooKeeper: Session: 0x17e870363f904a7 closed
22/01/23 09:53:01 INFO client.RMProxy: Connecting to ResourceManager at
quickstart.cloudera/192.168.230.128:8032
22/01/23 09:53:02 INFO Configuration.deprecation: io.bytes.per.checksum is
deprecated. Instead, use dfs.bytes-per-checksum
22/01/23 09:53:08 INFO input.FileInputFormat: Total input paths to process : 1
22/01/23 09:53:09 INFO mapreduce.JobSubmitter: number of splits:1
22/01/23 09:53:09 INFO Configuration.deprecation: io.bytes.per.checksum is
deprecated. Instead, use dfs.bytes-per-checksum
22/01/23 09:53:10 INFO mapreduce.JobSubmitter: Submitting tokens for job:
job_1642942813896_0001
22/01/23 09:53:13 INFO impl.YarnClientImpl: Submitted application
application_1642942813896_0001
22/01/23 09:53:14 INFO mapreduce.Job: The url to track the job:
http://quickstart.cloudera:8088/proxy/application_1642942813896_0001/
22/01/23 09:53:14 INFO mapreduce.Job: Running job: job_1642942813896_0001
22/01/23 09:53:58 INFO mapreduce.Job: Job job_1642942813896_0001 running in uber
mode : false
22/01/23 09:53:58 INFO mapreduce.Job:  map 0% reduce 0%
22/01/23 09:54:36 INFO mapreduce.Job:  map 100% reduce 0%
22/01/23 09:54:37 INFO mapreduce.Job: Job job_1642942813896_0001 completed
successfully
22/01/23 09:54:38 INFO mapreduce.Job: Counters: 31
        File System Counters
                FILE: Number of bytes read=0
                FILE: Number of bytes written=185128
                FILE: Number of read operations=0
                FILE: Number of large read operations=0
                FILE: Number of write operations=0
                HDFS: Number of bytes read=552
                HDFS: Number of bytes written=0
                HDFS: Number of read operations=2
                HDFS: Number of large read operations=0
                HDFS: Number of write operations=0
        Job Counters
                Launched map tasks=1
```

```
                Data-local map tasks=1
                Total time spent by all maps in occupied slots (ms)=16635904
                Total time spent by all reduces in occupied slots (ms)=0
                Total time spent by all map tasks (ms)=32492
                Total vcore-milliseconds taken by all map tasks=32492
                Total megabyte-milliseconds taken by all map tasks=16635904
        Map-Reduce Framework
                Map input records=14
                Map output records=0
                Input split bytes=124
                Spilled Records=0
                Failed Shuffles=0
                Merged Map outputs=0
                GC time elapsed (ms)=539
                CPU time spent (ms)=1960
                Physical memory (bytes) snapshot=104054784
                Virtual memory (bytes) snapshot=1944952832
                Total committed heap usage (bytes)=50724864
        ImportTsv
                Bad Lines=14
        File Input Format Counters
                Bytes Read=428
        File Output Format Counters
                Bytes Written=0
[cloudera@quickstart ~]$
hbase(main):005:0> scan 'groceries'
ROW                                    COLUMN+CELL


 o1                                    column=info:city,
timestamp=1642764326730, value=Bananas

 o1                                    column=info:date,
timestamp=1642764326730, value=7

 o1                                    column=info:item,
timestamp=1642764326730, value=01-01-2017

 o1                                    column=info:itemno,
timestamp=1642764326730, value=Seattle

 o10                                   column=info:city,
timestamp=1642764326730, value=Onion

 o10                                   column=info:date,
timestamp=1642764326730, value=4

 o10                                   column=info:item,
timestamp=1642764326730, value=06-01-2017
```

```
 o10                                    column=info:itemno,
timestamp=1642764326730, value=Issaquah

 o11                                    column=info:city,
timestamp=1642764326730, value=Bread

 o11                                    column=info:date,
timestamp=1642764326730, value=5

 o11                                    column=info:item,
timestamp=1642764326730, value=05-01-2017

 o11                                    column=info:itemno,
timestamp=1642764326730, value=Renton

 o12                                    column=info:city,
timestamp=1642764326730, value=Onion

 o12                                    column=info:date,
timestamp=1642764326730, value=4

 o12                                    column=info:item,
timestamp=1642764326730, value=07-01-2017

 o12                                    column=info:itemno,
timestamp=1642764326730, value=Issaquah

 o13                                    column=info:city,
timestamp=1642764326730, value=Bread

 o13                                    column=info:date,
timestamp=1642764326730, value=5

 o13                                    column=info:item,
timestamp=1642764326730, value=07-01-2017

 o13                                    column=info:itemno,
timestamp=1642764326730, value=Sammamish

 o14                                    column=info:city,
timestamp=1642764326730, value=Tomato

 o14                                    column=info:date,
timestamp=1642764326730, value=6

 o14                                    column=info:item,
timestamp=1642764326730, value=07-01-2017

 o14                                    column=info:itemno,
timestamp=1642764326730, value=Issaquah
```

```
 o2                                           column=info:city,
timestamp=1642764326730, value=Apples

 o2                                           column=info:date,
timestamp=1642764326730, value=20

 o2                                           column=info:item,
timestamp=1642764326730, value=02-01-2017

 o2                                           column=info:itemno,
timestamp=1642764326730, value=Kent

 o3                                           column=info:city,
timestamp=1642764326730, value=Flowers

 o3                                           column=info:date,
timestamp=1642764326730, value=10

 o3                                           column=info:item,
timestamp=1642764326730, value=02-01-2017

 o3                                           column=info:itemno,
timestamp=1642764326730, value=Bellevue

 o4                                           column=info:city,
timestamp=1642764326730, value=Meat

 o4                                           column=info:date,
timestamp=1642764326730, value=40

 o4                                           column=info:item,
timestamp=1642764326730, value=03-01-2017

 o4                                           column=info:itemno,
timestamp=1642764326730, value=Redmond

 o5                                           column=info:city,
timestamp=1642764326730, value=Potatoes

 o5                                           column=info:date,
timestamp=1642764326730, value=9

 o5                                           column=info:item,
timestamp=1642764326730, value=04-01-2017

 o5                                           column=info:itemno,
timestamp=1642764326730, value=Seattle

 o6                                           column=info:city,
```

```
                                              timestamp=1642764326730, value=Bread

 o6                                           column=info:date,
timestamp=1642764326730, value=5

 o6                                           column=info:item,
timestamp=1642764326730, value=04-01-2017

 o6                                           column=info:itemno,
timestamp=1642764326730, value=Bellevue

 o7                                           column=info:city,
timestamp=1642764326730, value=Bread

 o7                                           column=info:date,
timestamp=1642764326730, value=5

 o7                                           column=info:item,
timestamp=1642764326730, value=05-01-2017

 o7                                           column=info:itemno,
timestamp=1642764326730, value=Redmond

 o8                                           column=info:city,
timestamp=1642764326730, value=Onion

 o8                                           column=info:date,
timestamp=1642764326730, value=4

 o8                                           column=info:item,
timestamp=1642764326730, value=05-01-2017

 o8                                           column=info:itemno,
timestamp=1642764326730, value=Issaquah

 o9                                           column=info:city,
timestamp=1642764326730, value=Cheese

 o9                                           column=info:date,
timestamp=1642764326730, value=15

 o9                                           column=info:item,
timestamp=1642764326730, value=05-01-2017

 o9                                           column=info:itemno,
timestamp=1642764326730, value=Redmond

14 row(s) in 1.4130 seconds
```