Slide #26

Slide #27

Slide #28

```
[root@sandbox-hdp ~]# hive
log4j:WARN No such property [maxFileSize] in org.apache.log4j.DailyRollingFileAppender.
Logging initialized using configuration in file:/etc/hive/2.6.5.0-292/0/hive-log4j.properties hive> describe formatted salesjan2009_clustered;
# col name
                         data type
                                                   comment
productid
                         string
salesamount
                         int
paymenttype
                         string
customername
                         string
city
                         string
region
                         string
country
                         string
# Detailed Table Information
Database:
Owner:
CreateTime:
                         Sun May 24 04:40:49 UTC 2020
LastAccessTime:
                         UNKNOWN
Protect Mode:
                         None
Retention:
                         hdfs://sandbox-hdp.hortonworks.com:8020/apps/hive/warehouse/salesjan2009_clustered
Location:
Table Type:
                         MANAGED TABLE
Table Parameters:
        COLUMN_STATS_ACCURATE
                                  {\"BASIC_STATS\":\"true\"}
        numFiles
                                  998
        numRows
        rawDataSize
                                  557882
                                  16364
        totalSize
        transient_lastDdlTime
                                  1590295639
# Storage Information
SerDe Library:
                         org.apache.hadoop.hive.ql.io.orc.OrcSerde
InputFormat:
                         org.apache.hadoop.hive.ql.io.orc.OrcInputFormat
OutputFormat:
                         org.apache.hadoop.hive.ql.io.orc.OrcOutputFormat
Compressed:
                         No
Num Buckets:
                         10
Bucket Columns:
                         [country]
Sort Columns:
Storage Desc Params:
        serialization.format
Time taken: 2.918 seconds, Fetched: 37 row(s)
```

Slide # 29

```
[root@sandbox-hdp ~] # hdfs dfs -ls /apps/hive/warehouse/salesjan2009_clustered
Found 1 items
-rwxrwxrwx 1 root hadoop 16364 2020-05-24 04:47 /apps/hive/warehouse/salesjan2009_clustered/000000_0
```

Slide #31

United Kingdom 100 United States 463

Time taken: 33.511 seconds, Fetched: 56 row(s)