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-- Date: 13 Oct 2024
-- Assignment 2, Task 4

HADOOP TERMINAL

Start Hadoop services, but first, permissions issue prevents execution

```
bigdata@bigdata-VirtualBox:~$ ./startHadoop.sh
Starting namenodes on [localhost]
localhost: starting namenode, logging to /usr/share/hadoop-2.7.3/logs/hadoop-bigdata-
namenode-bigdata-VirtualBox.out
localhost: starting datanode, logging to /usr/share/hadoop-2.7.3/logs/hadoop-bigdata-
datanode-bigdata-VirtualBox.out
Starting secondary namenodes [0.0.0.0]
0.0.0.0: starting secondarynamenode, logging to /usr/share/hadoop-2.7.3/logs/hadoop-
bigdata-secondarynamenode-bigdata-VirtualBox.out
starting yarn daemons
starting resourcemanager, logging to /usr/share/hadoop-2.7.3/logs/yarn-bigdata-
resourcemanager-bigdata-VirtualBox.out
localhost: starting nodemanager, logging to /usr/share/hadoop-2.7.3/logs/yarn-
bigdata-nodemanager-bigdata-VirtualBox.out
starting historyserver, logging to /usr/share/hadoop-2.7.3/logs/mapred-bigdata-
historyserver-bigdata-VirtualBox.out
3536 Jps
2523 NameNode
3499 JobHistoryServer
2924 SecondaryNameNode
3261 NodeManager
3103 ResourceManager
2703 DataNode
```

Creating the authors directory in the a2 database

```
bigdata@bigdata-VirtualBox:~$ $HADOOP_HOME/bin/hadoop fs -mkdir
/user/hive/warehouse/a2.db/authors
```

Creating the items directory in the a2 database

```
bigdata@bigdata-VirtualBox:~$ $HADOOP_HOME/bin/hadoop fs -mkdir
/user/hive/warehouse/a2.db/items
```

Listing contents of a2 database to confirm both authors and items directories are created

```
bigdata@bigdata-VirtualBox:~$ $HADOOP_HOME/bin/hadoop fs -ls
/user/hive/warehouse/a2.db/
Found 2 items
drwxr-xr-x - bigdata supergroup          0 2024-10-30 02:17
/user/hive/warehouse/a2.db/authors
drwxr-xr-x - bigdata supergroup          0 2024-10-30 02:17
/user/hive/warehouse/a2.db/items
```

Upload the author.tbl file to the authors directory in Hive warehouse

```
bigdata@bigdata-VirtualBox:~$ $HADOOP_HOME/bin/hadoop fs -put
~/ISIT312/A2/Task4/author.tbl /user/hive/warehouse/a2.db/authors/
```

Upload the item.tbl file to the items directory in Hive warehouse

```
bigdata@bigdata-VirtualBox:~$ $HADOOP_HOME/bin/hadoop fs -put
~/ISIT312/A2/Task4/item.tbl /user/hive/warehouse/a2.db/items/
```

BEELINE TERMINAL

-- Start Beeline: Open the Beeline command line tool for Hive.

```
bigdata@bigdata-VirtualBox:~$ $HIVE_HOME/bin/beeline
```

Beeline version 2.1.1 by Apache Hive

-- Connect to Hive: Connect to the Hive server running on your local machine

```
beeline> !connect jdbc:hive2://localhost:10000
```

SLF4J: Class path contains multiple SLF4J bindings.

SLF4J: Found binding in [jar:file:/usr/share/apache-hive-2.1.1-bin/lib/log4j-slf4j-impl-2.4.1.jar!/org/slf4j/impl/StaticLoggerBinder.class]

SLF4J: Found binding in [jar:file:/usr/share/hadoop-2.7.3/share/hadoop/common/lib/slf4j-log4j12-1.7.10.jar!/org/slf4j/impl/StaticLoggerBinder.class]

SLF4J: See http://www.slf4j.org/codes.html#multiple_bindings for an explanation.

SLF4J: Actual binding is of type [org.apache.logging.slf4j.Log4jLoggerFactory]

Connecting to jdbc:hive2://localhost:10000

Enter username for jdbc:hive2://localhost:10000:

Enter password for jdbc:hive2://localhost:10000:

Connected to: Apache Hive (version 2.1.1)

Driver: Hive JDBC (version 2.1.1)

24/10/30 02:16:57 [main]: WARN jdbc.HiveConnection: Request to set autoCommit to false; Hive does not support autoCommit=false.

Transaction isolation: TRANSACTION_REPEATABLE_READ

-- Create Database: Make a new database called 'a2'.

```
0: jdbc:hive2://localhost:10000> create database a2;
```

No rows affected (0.135 seconds)

-- Show Databases: List all existing databases to check if 'a2' was created.

```
0: jdbc:hive2://localhost:10000> show databases;
```

```
+-----+
| database_name |
+-----+
| a2             |
| default       |
+-----+
```

2 rows selected (0.07 seconds)

-- Use Database: Switch to using the 'a2' database.

```
0: jdbc:hive2://localhost:10000> use a2;
```

No rows affected (0.019 seconds)

-- This table will use the data from the author.tbl file in HDFS

```
0: jdbc:hive2://localhost:10000> CREATE EXTERNAL TABLE IF NOT EXISTS author (
```

```
    .>
    .> a_id INT, -- Unique author ID
    .>
    .> a_fname STRING, -- First name of author
    .>
    .> a_mname STRING, -- Middle name of author
    .>
    .> a_lname STRING, -- Last name of author
    .>
    .> a_dob DATE, -- Date of birth of author
    .>
    .> a_bio STRING -- Biography of the author
    .>
    .> )
    .>
    .> ROW FORMAT DELIMITED
```

```

. . . . .>
. . . . .> FIELDS TERMINATED BY '|'
. . . . .>
. . . . .> STORED AS TEXTFILE
. . . . .>
. . . . .> LOCATION '/user/hive/warehouse/a2.db/authors/';
No rows affected (0.077 seconds)

```

-- This table will use the data from the item.tbl file in HDFS

```

0: jdbc:hive2://localhost:10000> CREATE EXTERNAL TABLE IF NOT EXISTS item (
. . . . .>
. . . . .>     i_id INT,                -- Unique ID of item
. . . . .>
. . . . .>     i_title STRING,         -- Title of the item
. . . . .>
. . . . .>     i_a_id INT,            -- Author ID (foreign key
referencing AUTHOR table)
. . . . .>
. . . . .>     i_pub_date DATE,       -- Publication date of the
item
. . . . .>
. . . . .>     i_publisher STRING,    -- Publisher of the item
. . . . .>
. . . . .>     i_subject STRING,      -- Subject category of the
item
. . . . .>
. . . . .>     i_desc STRING,         -- Description of the item
. . . . .>
. . . . .>     i_related1 INT,        -- Related item ID 1
. . . . .>
. . . . .>     i_related2 INT,        -- Related item ID 2
. . . . .>
. . . . .>     i_related3 INT,        -- Related item ID 3
. . . . .>
. . . . .>     i_related4 INT,        -- Related item ID 4
. . . . .>
. . . . .>     i_related5 INT,        -- Related item ID 5
. . . . .>
. . . . .>     i_thumbnail STRING,    -- Path to thumbnail image
of the item
. . . . .>
. . . . .>     i_image STRING,        -- Path to main image of
the item
. . . . .>
. . . . .>     i_srp DECIMAL(15,2),   -- Suggested retail price
. . . . .>
. . . . .>     i_cost DECIMAL(15,2),  -- Cost of the item
. . . . .>
. . . . .>     i_avail DATE,          -- Availability date of
the item
. . . . .>
. . . . .>     i_stock INT,           -- Quantity in stock
. . . . .>
. . . . .>     i_isbn STRING,         -- ISBN of the item
. . . . .>
. . . . .>     i_page INT,            -- Number of pages (for
books)
. . . . .>
. . . . .>     i_backing STRING,      -- Book binding type
(e.g., paperback, hardback)
. . . . .>

```



```
| author.a_id | author.a_fname | author.a_mname | author.a_lname |
author.a_dob |
author.a_bio
|
+-----+-----+-----+-----+
+-----+
-----
-----
-----
-----
-----+--+
| 1 | 5P040 | nS0c2GP0n | BABABABABABA0Gl7xF | NULL
| Minutes search in the young, labour years. Individuals will have to come. Trousers
continue in the following changes: Actions at the big, young aspects shall sleep
clear, african ideas. Great, large pupils do pick. Necessary eyes to the large, small
years carry long, external circumstances. Questions might carry. Lovely, actual talks
might rest customers: Social, other players identify. Systems could play. Standards
ride. Overseas, federal goods interfere. |
| 2 | cy8o | ZkcR139U86m9K5642 | BABABABABABAALwH | NULL
| Duties give between the methods. High, other children in the numbers realise
modern, good years. Mountains talk teachers. New, hot studies forget to the members.
Present, good programmes will take. Soviet, parliamentary dogs avoid. Sales to the
only, joint persons ought to lead various, great lips. Areas wear about. Names could
get with the unable, big quantities. Common, genuine shows between the mutual, prime
houses miss between the |
| 3 | dC5 | Imnd0eY3A2712S6F9d | BABABABABABARI | NULL
| Big, black employers could tell. Ways exist. Available, regional waters in the
limited, personal matters will have to make in the eyes. Ways should move
|
+-----+-----+-----+-----+
+-----+
-----
-----
-----
-----
-----+--+
3 rows selected (0.118 seconds)
```

```
| item.i_id |                item.i_title                 | item.i_a_id |
| item.i_pub_date |          item.i_publisher           | item.i_subject |
item.i_desc
| item.i_related1 | item.i_related2 | item.i_related3 | item.i_related4 |
item.i_related5 | item.i_thumbnail | item.i_image | item.i_srp | item.i_cost |
```

```

item.i_avail | item.i_stock | item.i_isbn | item.i_page | item.i_backing |
item.i_dimensions |
+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+
-----
-----
-----
-----
+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+
-----
+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+
-----
| 1 | Open, BABABABABABAOG wrong | 1
| NULL | Common occasions will have to | ROMANCE |
General reasons during the long, living subjects might take with the goods. Cells
continue. Small, new schools shift. Nations to the offences might show by the
subsequent, simple homes. Important, elderly years encourage. Dogs from the types
shall have to pull organic, top sources. Materials go to the big, french friends.
Social, nuclear examples should ask. Patients strengthen for the other, northern |
9272 | 9550 | 707 | 2253 | 5398
| c:\ | c:\ | 1727.42 | 821.00 | NULL | 22
| JQyQ5MIc91ANC | 4273 | PAPERBACK | 8.49x69.77x55.64 |
| 2 | Children with BABABABABABAAL the other, necessary | 2
| NULL | Activities may forget. Blue birds need? | COOKING |
Similar, southern goods know to the centres. Round, domestic months must improve
probably on the thanks. Attitudes shall have to land. Full, russian walls could
control. Useful, economic hundreds make at the nuclear, great colours. Cultural,
immediate ministers give. Other, ordinary pictures make. Likely, great days satisfy
before the wrong, small companies. Economic, specific women lose. Other, |
8661 | 5159 | 7081 | 5701 | 3667
| c:\ | c:\ | 8893.32 | 3909.30 | NULL | 25
| dFSe5WCeX3GJz | 8473 | AUDIO | 93.76x84.33x1.71 |
| 3 | Years will break BABABABABABARI pleasant, free terms-- | 3
| NULL | Simple, clear feet represent. Functions | SCIENCE-NATURE |
Hands on the british names come christian, other minutes. Members do make; Large
others can appear. Bodies suffer. Wages should know by the obvious minutes. Policies
ensure on the communities. Objects can cost in the interesting, early years. Active,
inner points meet. Departments in the particular, human years might evaluate such as
the weeks. Growing, left theories to the legal, old | 4546
| 7449 | 7146 | 9690 | 69 | c:\
| c:\ | 8345.49 | 3981.86 | NULL | 15 |
hIs86uiW15pA6 | 9255 | PAPERBACK | 45.30x52.68x72.80 |
+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+
-----
-----
-----
-----
+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+
-----
+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+
-----
3 rows selected (0.15 seconds)

```

Start Hadoop services, but first, permissions issue prevents execution

```
bigdata@bigdata-VirtualBox:~$ ./startHadoop.sh
```

```
Starting namenodes on [localhost]
```

```
localhost: starting namenode, logging to /usr/share/hadoop-2.7.3/logs/hadoop-bigdata-namenode-bigdata-VirtualBox.out
```

```
localhost: starting datanode, logging to /usr/share/hadoop-2.7.3/logs/hadoop-bigdata-datanode-bigdata-VirtualBox.out
```

```
Starting secondary namenodes [0.0.0.0]
```

```
0.0.0.0: starting secondarynamenode, logging to /usr/share/hadoop-2.7.3/logs/hadoop-bigdata-secondarynamenode-bigdata-VirtualBox.out
```

```
starting yarn daemons
```

```
starting resourcemanager, logging to /usr/share/hadoop-2.7.3/logs/yarn-bigdata-resourcemanager-bigdata-VirtualBox.out
```

```
localhost: starting nodemanager, logging to /usr/share/hadoop-2.7.3/logs/yarn-bigdata-nodemanager-bigdata-VirtualBox.out
```

```
starting historyserver, logging to /usr/share/hadoop-2.7.3/logs/mapred-bigdata-historyserver-bigdata-VirtualBox.out
```

```
3536 Jps
```

```
2523 NameNode
```

```
3499 JobHistoryServer
```

```
2924 SecondaryNameNode
```

```
3261 NodeManager
```

```
3103 ResourceManager
```

```
2703 DataNode
```

Creating the authors directory in the a2 database

```
bigdata@bigdata-VirtualBox:~$ $HADOOP_HOME/bin/hadoop fs -mkdir /user/hive/warehouse/a2.db/authors
```

Creating the items directory in the a2 database

```
bigdata@bigdata-VirtualBox:~$ $HADOOP_HOME/bin/hadoop fs -mkdir /user/hive/warehouse/a2.db/items
```

Listing contents of a2 database to confirm both authors and items directories are created

```
bigdata@bigdata-VirtualBox:~$ $HADOOP_HOME/bin/hadoop fs -ls /user/hive/warehouse/a2.db/
```

```
Found 2 items
```

```
drwxr-xr-x - bigdata supergroup          0 2024-10-30 02:17
```

```
/user/hive/warehouse/a2.db/authors
```

```
drwxr-xr-x - bigdata supergroup          0 2024-10-30 02:17
```

```
/user/hive/warehouse/a2.db/items
```

Upload the author.tbl file to the authors directory in Hive warehouse

```
bigdata@bigdata-VirtualBox:~$ $HADOOP_HOME/bin/hadoop fs -put ~/ISIT312/A2/Task4/author.tbl /user/hive/warehouse/a2.db/authors/
```

Upload the item.tbl file to the items directory in Hive warehouse

```
bigdata@bigdata-VirtualBox:~$ $HADOOP_HOME/bin/hadoop fs -put ~/ISIT312/A2/Task4/item.tbl /user/hive/warehouse/a2.db/items/
```

Screenshot

HADOOP TERMINAL

```
bigdata@bigdata-VirtualBox:~$ $HADOOP_HOME/bin/hadoop fs -mkdir /user/hive/warehouse/a2.db/authors
bigdata@bigdata-VirtualBox:~$ $HADOOP_HOME/bin/hadoop fs -mkdir /user/hive/warehouse/a2.db/items
bigdata@bigdata-VirtualBox:~$ $HADOOP_HOME/bin/hadoop fs -ls /user/hive/warehouse/a2.db/
Found 2 items
drwxr-xr-x - bigdata supergroup          0 2024-10-30 02:17 /user/hive/warehouse/a2.db/authors
drwxr-xr-x - bigdata supergroup          0 2024-10-30 02:17 /user/hive/warehouse/a2.db/items
bigdata@bigdata-VirtualBox:~$ $HADOOP_HOME/bin/hadoop fs -put ~/ISIT312/A2/Task4/author.tbl /user/hive/warehouse/a2.db/authors/
bigdata@bigdata-VirtualBox:~$ $HADOOP_HOME/bin/hadoop fs -put ~/ISIT312/A2/Task4/item.tbl /user/hive/warehouse/a2.db/items/
bigdata@bigdata-VirtualBox:~$
```

BEELINE TERMINAL

```
bigdata@bigdata-VirtualBox:~$ $HIVE_HOME/bin/beeline
Beeline version 2.1.1 by Apache Hive
beeline> !connect jdbc:hive2://localhost:10000
SLF4J: Class path contains multiple SLF4J bindings.
SLF4J: Found binding in [jar:file:/usr/share/apache-hive-2.1.1-bin/lib/log4j-slf4j-impl-2.4.1.jar!/org.slf4j/impl/StaticLoggerBinder.class]
SLF4J: Found binding in [jar:file:/usr/share/hadoop-2.7.3/share/hadoop/common/lib/slf4j-log4j12-1.7.10.jar!/org.slf4j/impl/StaticLoggerBinder.class]
SLF4J: See http://www.slf4j.org/codes.html#multiple_bindings for an explanation.
SLF4J: Actual binding is of type [org.apache.logging.slf4j.Log4jLoggerFactory]
Connecting to jdbc:hive2://localhost:10000
Enter username for jdbc:hive2://localhost:10000:
Enter password for jdbc:hive2://localhost:10000:
Connected to: Apache Hive (version 2.1.1)
Driver: Hive JDBC (version 2.1.1)
24/10/30 02:16:57 [main]: WARN jdbc.HiveConnection: Request to set autoCommit to false; Hive does not support autoCommit=false.
Transaction isolation: TRANSACTION_REPEATABLE_READ
0: jdbc:hive2://localhost:10000> create database a2;
No rows affected (0.135 seconds)
0: jdbc:hive2://localhost:10000> show databases;
+-----+
| database_name |
+-----+
| a2             |
| default        |
+-----+
2 rows selected (0.07 seconds)
0: jdbc:hive2://localhost:10000> use a2;
No rows affected (0.019 seconds)
```

```
0: jdbc:hive2://localhost:10000> CREATE EXTERNAL TABLE IF NOT EXISTS author (
. . . . .>
. . . . .>      a_id INT,           -- Unique author ID
. . . . .>
. . . . .>      a_fname STRING,    -- First name of author
. . . . .>
. . . . .>      a_mname STRING,    -- Middle name of author
. . . . .>
. . . . .>      a_lname STRING,    -- Last name of author
. . . . .>
. . . . .>      a_dob DATE,        -- Date of birth of author
. . . . .>
. . . . .>      a_bio STRING       -- Biography of the author
. . . . .>
. . . . .> )
. . . . .>
. . . . .> ROW FORMAT DELIMITED
. . . . .>
. . . . .> FIELDS TERMINATED BY '|'
. . . . .>
. . . . .> STORED AS TEXTFILE
. . . . .>
. . . . .> LOCATION '/user/hive/warehouse/a2.db/authors/';
No rows affected (0.077 seconds)
```



```

0: jdbc:hive2://localhost:10000> CREATE EXTERNAL TABLE IF NOT EXISTS item (
. . . . .>
. . . . .>      i_id INT,          -- Unique ID of item
. . . . .>
. . . . .>      i_title STRING,    -- Title of the item
. . . . .>
. . . . .>      i_a_id INT,        -- Author ID (foreign key referencing AUTHOR table)
. . . . .>
. . . . .>      i_pub_date DATE,   -- Publication date of the item
. . . . .>
. . . . .>      i_publisher STRING, -- Publisher of the item
. . . . .>
. . . . .>      i_subject STRING,  -- Subject category of the item
. . . . .>
. . . . .>      i_desc STRING,     -- Description of the item
. . . . .>
. . . . .>      i_related1 INT,    -- Related item ID 1
. . . . .>
. . . . .>      i_related2 INT,    -- Related item ID 2
. . . . .>
. . . . .>      i_related3 INT,    -- Related item ID 3
. . . . .>
. . . . .>      i_related4 INT,    -- Related item ID 4
. . . . .>
. . . . .>      i_related5 INT,    -- Related item ID 5
. . . . .>
. . . . .>      i_thumbnail STRING, -- Path to thumbnail image of the item
. . . . .>
. . . . .>      i_image STRING,    -- Path to main image of the item
. . . . .>
. . . . .>      i_srp DECIMAL(15,2), -- Suggested retail price
. . . . .>
. . . . .>      i_cost DECIMAL(15,2), -- Cost of the item
. . . . .>
. . . . .>      i_avall DATE,      -- Availability date of the item
. . . . .>
. . . . .>      i_stock INT,       -- Quantity in stock
. . . . .>
. . . . .>      i_isbn STRING,     -- ISBN of the item
. . . . .>
. . . . .>      i_page INT,        -- Number of pages (for books)
. . . . .>
. . . . .>      i_backing STRING,  -- Book binding type (e.g., paperback, hardback)
. . . . .>
. . . . .>      i_dimensions STRING -- Physical dimensions of the item
. . . . .>
. . . . .> )

```

```

. . . . .> )
. . . . .> ROW FORMAT DELIMITED
. . . . .>
. . . . .> FIELDS TERMINATED BY '|'
. . . . .>
. . . . .> STORED AS TEXTFILE
. . . . .>
. . . . .> LOCATION '/user/hive/warehouse/a2.db/items/';
No rows affected (0.108 seconds)
0: jdbc:hive2://localhost:10000> SELECT COUNT(*) AS author_row_count FROM author;
WARNING: Hive-on-MR is deprecated in Hive 2 and may not be available in the future versions. Consider using a different execution engine (i.e. spark, tez) or using Hive 1.X releases.
+-----+
| author_row_count |
+-----+
| 2500             |
+-----+
1 row selected (16.874 seconds)
0: jdbc:hive2://localhost:10000> SELECT COUNT(*) AS item_row_count FROM item;
WARNING: Hive-on-MR is deprecated in Hive 2 and may not be available in the future versions. Consider using a different execution engine (i.e. spark, tez) or using Hive 1.X releases.
+-----+
| item_row_count   |
+-----+
| 10000            |
+-----+
1 row selected (20.8 seconds)
0: jdbc:hive2://localhost:10000> SELECT SUM(count) AS total_row_count
. . . . .> FROM (
. . . . .>   SELECT COUNT(*) AS count FROM author
. . . . .>   UNION ALL
. . . . .>   SELECT COUNT(*) AS count FROM item
. . . . .> ) AS combined_counts;
WARNING: Hive-on-MR is deprecated in Hive 2 and may not be available in the future versions. Consider using a different execution engine (i.e. spark, tez) or using Hive 1.X releases.
+-----+
| total_row_count  |
+-----+
| 12500            |
+-----+
1 row selected (63.419 seconds)

```

```

0: jdbc:hive2://localhost:10000> SELECT * FROM author LIMIT 3;
+-----+-----+-----+-----+-----+-----+
| author.a_id | author.a_fname | author.a_mname | author.a_lname | author.a_dob | author.a_bto |
+-----+-----+-----+-----+-----+-----+
| 1           | SP040          | n50c2GP0n      | BABABABABABAOGL7xF | NULL         | Minutes search in the young, labour years. Individuals will have to come. Trousers continue in the following c
hanges: Actions at the big, young aspects shall sleep clear, african ideas. Great, large pupils do pick. Necessary eyes to the large, small years carry long, external circumstances. Questions might carry.
Lovely, actual talks might rest customers: Social, other players identify. Systems could play. Standards ride. Overseas, federal goods interfere.
| 2           | cy0            | ZKCR139UB6n9K5642 | BABABABABABAAALWH | NULL         | Duties give between the methods. High, other children in the numbers realise modern, good years. Mountains tal
k teachers. New, hot studies forget to the members. Present, good programmes will take. Soviet, parliamentary dogs avoid. Sales to the only, joint persons ought to lead various, great lips. Areas wear abou
t. Names could get with the unable, big quantitties. Common, genuine shows between the mutual, prime houses miss between the
| 3           | dCS           | Imnd0ey3A271256F9d | BABABABABABARI    | NULL         | Big, black employers could tell. Ways exist. Available, regional waters in the limited, personal matters will
have to make in the eyes. Ways should move
+-----+-----+-----+-----+-----+-----+
3 rows selected (0.118 seconds)

```

```
0: jdbc:hive2://localhost:10000> SELECT * FROM item LIMIT 3;
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| item.i_id | item.i_title | item.i_a_id | item.i_pub_date | item.i_publisher | item.i_subject | item.i_desc | item.i_related1 | item.i_related2 | item.i_related3 | item.i_related4 | item.i_related5 | item.i_thumbnail | item.i_image | item.i_srp | item.i_cost | item.i_avall | item.i_stock | item.i_isbn | item.i_page | item.i_backing | item.i_dimensions |
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| 1 | Open, BABABABABABAOG wrong | 1 | NULL | Common occasions will have to | ROMANCE | General reasons during the long, living subjects might take with the goods. Cells continue. Small, new schools shift. Nations to the offences might show by the subsequent, simple homes. Important, elderly years encourage. Dogs from the types shall have to pull organic, top sources. Materials go to the big, french friends. Social, nuclear examples should ask. Patients strengthen for the other, northern | 9272 | 9558 | PAPERBACK | 8
787 | 2253 | 5398 | c:\ | c:\ | 1727.42 | 821.00 | NULL | 22 | JQYQ5MIC91ANC | 4273 |
.49x69.77x55.64 |
| 2 | Children with BABABABABABAAL the other, necessary | 2 | NULL | Activities may forget. Blue birds need? | COOKING | Similar, southern goods know to the centres. Round, domestic months must improve probably on the thanks. Attitudes shall have to land. Full, russian walls could control. Useful, economic hundreds make at the nuclear, great colours. Cultural, immediate ministers give. Other, ordinary pictures make. Likely, great days satisfy before the wrong, small companies. Economic, specific women lose. Other, | 8661 | 5159 | AUDIO | 9
7881 | 5781 | 3667 | c:\ | c:\ | 8893.32 | 3909.30 | NULL | 25 | dF5eSWcEX3GJz | 8473 |
3.76x84.33x1.71 |
| 3 | Years will break BABABABABABARI pleasant, free terns-- | 3 | NULL | Simple, clear feet represent. Functions | SCIENCE-NATURE | Hands on the british names cone chrstian, other minutes. Members do make; Large others can appear. Bodies suffer. Wages should know by the obvious minutes. Policies ensure on the communities. Objects can cost in the interesting, early years . Active, inner points meet. Departments in the particular, human years might evaluate such as the weeks. Growing, left theories to the legal, old | 4546 | 7449 | PAPERBACK | 4
7146 | 9690 | 69 | c:\ | c:\ | 8345.49 | 3981.86 | NULL | 15 | hIs86uW15pA6 | 9255 |
5.30x52.68x72.80 |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
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0: jdbc:hive2://localhost:10000> █
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