

HIVE-3268

namit

2012-07-18

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Chapter 1

Root issue HIVE-3268

1.1 Summary

expressions in cluster by are not working

1.2 Description

The following query fails:

```
select key+key, value from src cluster by key+key, value;
```

1.3 Commits

No related commits

1.4 Comments

1. **namit:** <https://reviews.facebook.net/D4269>
2. **namit:** Currently, we get a random error.
It would be much nicer to throw a good semantic error instead.
3. **namit:** Some tests failed - debugging
4. **namit:** refresh
5. **kevinwilfong:** +1
6. **cwsteinbach:** Please attach the latest version of this patch to the ticket.
7. **cwsteinbach:** @Namit: I added comments on phabricator. Thanks.
8. **namit:** comments addressed, latest patch attached
9. **kevinwilfong:** [~cwsteinbach] It's been a week without further comments.

I remain +1 on it.

10. **kevinwilfong:** Committed, thanks Namit.

11. **hudson:** Integrated in Hive-trunk-h0.21 #1611 (See [<https://builds.apache.org/job/Hive-trunk-h0.21/1611/>])
HIVE-3268. expressions in cluster by are not working. (njain via kevinwilfong) (Revision 1373918)

Result = SUCCESS

kevinwilfong : <http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1373918>

Files :
* /hive/trunk/ql/src/java/org/apache/hadoop/hive/ql/ErrorMsg.java
* /hive/trunk/ql/src/java/org/apache/hadoop/hive/ql/parse/QBParseInfo.java
* /hive/trunk/ql/src/java/org/apache/hadoop/hive/ql/parse/SemanticAnalyzer.java
* /hive/trunk/ql/src/test/queries/clientnegative/expr_clusterby1.q
* /hive/trunk/ql/src/test/queries/clientnegative/expr_distributeby1.q
* /hive/trunk/ql/src/test/queries/clientnegative/expr_distributeby_sortby_1.q
* /hive/trunk/ql/src/test/queries/clientnegative/expr_orderby1.q
* /hive/trunk/ql/src/test/queries/clientnegative/expr_sortby1.q
* /hive/trunk/ql/src/test/results/clientnegative/expr_clusterby1.q.out
* /hive/trunk/ql/src/test/results/clientnegative/expr_distributeby1.q.out
* /hive/trunk/ql/src/test/results/clientnegative/expr_distributeby_sortby_1.q.out
* /hive/trunk/ql/src/test/results/clientnegative/expr_orderby1.q.out
* /hive/trunk/ql/src/test/results/clientnegative/expr_sortby1.q.out

12. **hudson:** Integrated in Hive-trunk-h0.21 #1737 (See [<https://builds.apache.org/job/Hive-trunk-h0.21/1737/>])
HIVE-3573. Revert HIVE-3268. (njain via kevinwilfong) (Revision 1397994)

Result = FAILURE

kevinwilfong : <http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1397994>

Files :
* /hive/trunk/ql/src/java/org/apache/hadoop/hive/ql/ErrorMsg.java
* /hive/trunk/ql/src/java/org/apache/hadoop/hive/ql/parse/QBParseInfo.java
* /hive/trunk/ql/src/java/org/apache/hadoop/hive/ql/parse/SemanticAnalyzer.java
* /hive/trunk/ql/src/test/queries/clientnegative/expr_clusterby1.q
* /hive/trunk/ql/src/test/queries/clientnegative/expr_distributeby1.q
* /hive/trunk/ql/src/test/queries/clientnegative/expr_distributeby_sortby_1.q
* /hive/trunk/ql/src/test/queries/clientnegative/expr_orderby1.q
* /hive/trunk/ql/src/test/queries/clientnegative/expr_sortby1.q
* /hive/trunk/ql/src/test/results/clientnegative/expr_clusterby1.q.out
* /hive/trunk/ql/src/test/results/clientnegative/expr_distributeby1.q.out
* /hive/trunk/ql/src/test/results/clientnegative/expr_distributeby_sortby_1.q.out
* /hive/trunk/ql/src/test/results/clientnegative/expr_orderby1.q.out
* /hive/trunk/ql/src/test/results/clientnegative/expr_sortby1.q.out

13. **hudson:** Integrated in Hive-trunk-hadoop2 #54 (See [<https://builds.apache.org/job/Hive-trunk-hadoop2/54/>])
HIVE-3573. Revert HIVE-3268. (njain via kevinwilfong) (Revision 1397994)
HIVE-3268. expressions in cluster by are not working. (njain via kevinwilfong) (Revision 1373918)

Result = ABORTED

kevinwilfong : <http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1397994>

Files :
* /hive/trunk/ql/src/java/org/apache/hadoop/hive/ql/ErrorMsg.java
* /hive/trunk/ql/src/java/org/apache/hadoop/hive/ql/parse/QBParseInfo.java
* /hive/trunk/ql/src/java/org/apache/hadoop/hive/ql/parse/SemanticAnalyzer.java
* /hive/trunk/ql/src/test/queries/clientnegative/expr_clusterby1.q

- * /hive/trunk/ql/src/test/queries/clientnegative/expr_distributeby1.q
- * /hive/trunk/ql/src/test/queries/clientnegative/expr_distributeby_sortby_1.q
- * /hive/trunk/ql/src/test/queries/clientnegative/expr_orderby1.q
- * /hive/trunk/ql/src/test/queries/clientnegative/expr_sortby1.q
- * /hive/trunk/ql/src/test/results/clientnegative/expr_clusterby1.q.out
- * /hive/trunk/ql/src/test/results/clientnegative/expr_distributeby1.q.out
- * /hive/trunk/ql/src/test/results/clientnegative/expr_distributeby_sortby_1.q.out
- * /hive/trunk/ql/src/test/results/clientnegative/expr_orderby1.q.out
- * /hive/trunk/ql/src/test/results/clientnegative/expr_sortby1.q.out

kevinwilfong : <http://svn.apache.org/viewcvcs.cgi/?root=Apache-SVN&view=rev&rev=1373918>

Files :*

- /hive/trunk/ql/src/java/org/apache/hadoop/hive/ql/ErrorMsg.java
- /hive/trunk/ql/src/java/org/apache/hadoop/hive/ql/parse/QBParseInfo.java
- /hive/trunk/ql/src/java/org/apache/hadoop/hive/ql/parse/SemanticAnalyzer.java
- /hive/trunk/ql/src/test/queries/clientnegative/expr_clusterby1.q
- /hive/trunk/ql/src/test/queries/clientnegative/expr_distributeby1.q
- /hive/trunk/ql/src/test/queries/clientnegative/expr_distributeby_sortby_1.q
- /hive/trunk/ql/src/test/queries/clientnegative/expr_orderby1.q
- /hive/trunk/ql/src/test/queries/clientnegative/expr_sortby1.q
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- /hive/trunk/ql/src/test/results/clientnegative/expr_orderby1.q.out
- /hive/trunk/ql/src/test/results/clientnegative/expr_sortby1.q.out

14. **ashutoshc:** This issue is fixed and released as part of 0.10.0 release. If you find an issue which seems to be related to this one, please create a new jira and link this one with new jira.

1.5 Pull requests

No pull requests

Chapter 2

Connected issue HIVE-3572

2.1 Summary

Expressions in distribute/cluster/order/sort by used to work sometimes

2.2 Description

This query used to work
explain select key from src distribute by (key + 50);

But after HIVE-3268 it fails in compilation.

2.3 Commits

No related commits

2.4 Comments

No comments

2.5 Pull requests

No pull requests

Chapter 3

Connected issue HIVE-3573

3.1 Summary

Revert HIVE-3268

3.2 Description

This patch introduces some code which can breaks distribute/order/cluster/sort by. We should revert this code until it can be fixed (HIVE-3572).

3.3 Commits

No related commits

3.4 Comments

1. **namit:** <https://reviews.facebook.net/D6015>
2. **kevinwilfong:** If you plan to remove the config once the bug is fixed, we'd probably be better off just reverting it.
3. **kevinwilfong:** +1 Thanks Namit
4. **kevinwilfong:** Committed. Thanks Namit.
5. **hudson:** Integrated in Hive-trunk-h0.21 #1737 (See [<https://builds.apache.org/job/Hive-trunk-h0.21/1737/>])
HIVE-3573. Revert HIVE-3268. (njain via kevinwilfong) (Revision 1397994)

Result = FAILURE

kevinwilfong : <http://svn.apache.org/viewcvcs.cgi/?root=Apache-SVN&view=rev&rev=1397994>

Files :
* /hive/trunk/ql/src/java/org/apache/hadoop/hive/ql/ErrorMsg.java

* /hive/trunk/ql/src/java/org/apache/hadoop/hive/ql/parse/QBParseInfo.java

* /hive/trunk/ql/src/java/org/apache/hadoop/hive/ql/parse/SemanticAnalyzer.java

* /hive/trunk/ql/src/test/queries/clientnegative/expr_clusterby1.q

* /hive/trunk/ql/src/test/queries/clientnegative/expr_distributeby1.q

* /hive/trunk/ql/src/test/queries/clientnegative/expr_distributeby_sortby_1.q

* /hive/trunk/ql/src/test/queries/clientnegative/expr_orderby1.q

* /hive/trunk/ql/src/test/queries/clientnegative/expr_sortby1.q

- * /hive/trunk/ql/src/test/results/clientnegative/expr_clusterby1.q.out
- * /hive/trunk/ql/src/test/results/clientnegative/expr_distributeby1.q.out
- * /hive/trunk/ql/src/test/results/clientnegative/expr_distributeby_sortby_1.q.out
- * /hive/trunk/ql/src/test/results/clientnegative/expr_orderby1.q.out
- * /hive/trunk/ql/src/test/results/clientnegative/expr_sortby1.q.out

6. **hudson:** Integrated in Hive-trunk-hadoop2 #54 (See [<https://builds.apache.org/job/Hive-trunk-hadoop2/54/>])
HIVE-3573. Revert HIVE-3268. (njain via kevinwilfong) (Revision 1397994)

Result = ABORTED

kevinwilfong : <http://svn.apache.org/viewcvcs.cgi/?root=Apache-SVN&view=rev&rev=1397994>

Files :*

- /hive/trunk/ql/src/java/org/apache/hadoop/hive/ql/ErrorMsg.java
- /hive/trunk/ql/src/java/org/apache/hadoop/hive/ql/parse/QBParseInfo.java
- /hive/trunk/ql/src/java/org/apache/hadoop/hive/ql/parse/SemanticAnalyzer.java
- /hive/trunk/ql/src/test/queries/clientnegative/expr_clusterby1.q
- /hive/trunk/ql/src/test/queries/clientnegative/expr_distributeby1.q
- /hive/trunk/ql/src/test/queries/clientnegative/expr_distributeby_sortby_1.q
- /hive/trunk/ql/src/test/queries/clientnegative/expr_orderby1.q
- /hive/trunk/ql/src/test/queries/clientnegative/expr_sortby1.q
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- /hive/trunk/ql/src/test/results/clientnegative/expr_distributeby1.q.out
- /hive/trunk/ql/src/test/results/clientnegative/expr_distributeby_sortby_1.q.out
- /hive/trunk/ql/src/test/results/clientnegative/expr_orderby1.q.out
- /hive/trunk/ql/src/test/results/clientnegative/expr_sortby1.q.out

7. **ashutoshc:** This issue is fixed and released as part of 0.10.0 release. If you find an issue which seems to be related to this one, please create a new jira and link this one with new jira.

3.5 Pull requests

No pull requests