

TAJO-1013

hyunsik

2014-08-19

Contents

Chapter 1

Root issue TAJO-1013

1.1 Summary

A complex equality condition including columns of the same table is recognized as a join condition

1.2 Description

See the following example:

```
1 SELECT  t1.str1, t1.str2, t2.abcFROM  table1 t1, table2 t2WHERE t1.id = t2.id and substr  
      (t1.str1, 1, 3) = substr(t1.str2, 1,3);
```

Currently, the expression $\{\{\text{substr}(t1.str1, 1, 3) = \text{substr}(t1.str2, 1,3);\}\}$ is also addressed as a join condition. Since it includes columns of the same table, we shouldn't do it.

1.3 Attachments

No attachments

1.4 Comments

1. **githubbot:** GitHub user hyunsik opened a pull request:

<https://github.com/apache/tajo/pull/123>

TAJO-1013: A complex equality condition including columns of the same table is recognized as a join condition.

See the jira.

<https://issues.apache.org/jira/browse/TAJO-1013>

You can merge this pull request into a Git repository by running:

```
$ git pull https://github.com/hyunsik/tajo 1013
```

Alternatively you can review and apply these changes as the patch at:

<https://github.com/apache/tajo/pull/123.patch>

To close this pull request, make a commit to your master/trunk branch with (at least) the following in the commit message:

This closes #123

commit fb5c8817819a4e29d4406b07874ece30fca4f965
Author: Hyunsik Choi <hyunsik@apache.org>
Date: 2014-08-19T16:07:32Z

Fixed the bug.

commit 83cdb6e64ab8be4b04d3ff63fb10901c9b2976a3
Author: Hyunsik Choi <hyunsik@apache.org>
Date: 2014-08-19T16:16:56Z

Merge branch 'master' of <https://git-wip-us.apache.org/repos/asf/tajo> into TAJO-103

Conflicts:

tajo-core/src/main/java/org/apache/tajo/engine/eval/EvalTreeUtil.java

2. **githubbot:** Github user blrunner commented on the pull request:

<https://github.com/apache/tajo/pull/123#issuecomment-52736347>

+1

Thanks your contribution.

It looks good to me and 'mvn clean install' finished successfully.

3. **hudson:** SUCCESS: Integrated in Tajo-master-build #342 (See [<https://builds.apache.org/job/Tajo-master-build/342/>])
TAJO-1013: a complex equality condition including columns of the same table is recognized as a join condition. (hyunsik: rev 7c84aeb298919ac0e6a1eb1c469ae830656f17fa)
* tajo-core/src/test/resources/results/TestSelectQuery/testColumnEqualityButNotJoinCondition2.result
* tajo-core/src/test/resources/results/TestSelectQuery/testColumnEqualityButNotJoinCondition1.result
* CHANGES
* tajo-core/src/test/resources/queries/TestSelectQuery/testColumnEqualityButNotJoinCondition2.sql
* tajo-core/src/test/java/org/apache/tajo/engine/eval/TestEvalTreeUtil.java
* tajo-core/src/main/java/org/apache/tajo/engine/planner/LogicalPlanPreprocessor.java
* tajo-core/src/main/java/org/apache/tajo/engine/planner/logical/join/JoinGraph.java
* tajo-core/src/main/java/org/apache/tajo/engine/eval/EvalTreeUtil.java
* tajo-core/src/test/resources/queries/TestSelectQuery/testColumnEqualityButNotJoinCondition1.sql
* tajo-core/src/main/java/org/apache/tajo/engine/planner/rewrite/FilterPushDownRule.java
* tajo-core/src/test/java/org/apache/tajo/engine/query/TestSelectQuery.java
* tajo-core/src/main/java/org/apache/tajo/engine/planner/ExprFinder.java

4. **hyunsik:** committed.