

TAJO-183

jihoonson

2013-09-15

Contents

Chapter 1

Root issue TAJO-183

1.1 Summary

Creating too many TableMetaProto objects might lead a potential memory leak

1.2 Description

In the current TableMetaImpl, a pb object is created for every getProto() calls. Since TableMeta.getProto() is called for creating a Fragment, the current implementation shall cause an out of memory exception when too many pb objects are created for a large data.

1.3 Attachments

1. [TAJO-183.patch](#)

1.4 Commits

1. Commit **693caef** by **Jihoon Son** (2013-09-16): TAJO-183: Creating too many TableMetaProto objects might lead a potential memory leak. (jihoon)

1.5 Comments

1. **jihoonson:** In this patch, TableMeta is changed to maintain values in local or proto as in the previous version of TableMeta.
Furthermore, I added the mergeProtoToLocal() function for the json conversion.
2. **jihoonson:** This patch passed 'mvn clean verify'.
3. **hyunsik:** +1

I've also tested this patch on TPC-H Q1 on a real cluster.

4. **jihoonson:** Thanks for your review.
I've just committed.
5. **hudson:** SUCCESS: Integrated in Tajo-trunk-postcommit #435 (See [<https://builds.apache.org/job/Tajo-trunk-postcommit/435/>])
TAJO-183: Creating too many TableMetaProto objects might lead a potential memory leak. (jihoon) (jihoonson: <https://git-wip-us.apache.org/repos/asf?p=incubator-tajo.git&a=commit&h=693caefc064c55a>)

- * tajo-catalog/tajo-catalog-common/src/main/java/org/apache/tajo/catalog/json/TableMetaAdapter.java
- * tajo-catalog/tajo-catalog-common/src/main/java/org/apache/tajo/catalog/TableMetaImpl.java
- * tajo-catalog/tajo-catalog-common/src/main/java/org/apache/tajo/catalog/TableMeta.java
- * CHANGES.txt

1.6 Pull requests

No pull requests