Item 33
git_comments:

git_commits:

1. **summary:** HBASE-7550 Synchronization problem in AssignmentManager
   message: HBASE-7550 Synchronization problem in AssignmentManager git-svn-id: https://svn.apache.org/repos/asf/hbase/branches/0.94@1432806 13f79535-47bb-0310-9956-ffa450edef68

github_issues:

github_issues_comments:

github_pulls:

github_pulls_comments:

github_pulls_reviews:

jira_issues:

1. **summary:** Synchronization problem in AssignmentManager
   description: While running TestSplitTransactionOnCluster#testShouldClearRITWhenNodeFoundInSplittingState in a loop I encountered this error condition: {code} java.util.NoSuchElementException at java.util.concurrent.ConcurrentSkipListMap$Iter.advance(ConcurrentSkipListMap.java:2224) at java.util.concurrent.ConcurrentSkipListMap$EntryIterator.next(ConcurrentSkipListMap.java:2270) at java.util.concurrent.ConcurrentSkipListMap$EntryIterator.next(ConcurrentSkipListMap.java:2266) at java.util.TreeMap.buildFromSorted(TreeMap.java:2394) at java.util.TreeMap.buildFromSorted(TreeMap.java:2344) at java.util.TreeMap.<init>(TreeMap.java:195) at org.apache.hadoop.hbase.master.AssignmentManager.getRegionsInTransition(AssignmentManager.java:2843) at org.apache.hadoop.hbase.regionserver.TestSplitTransactionOnCluster.testShouldClearRITWhenNodeFoundInSplittingState(TestSplitTransactionOnCluster.java:637) {code} This can only occur when the map being copied into the TreeMap is modified concurrently. While looking at the (0.94) code I noticed that synchronization is indeed missing from the nodeDeleted hook.

jira_issues_comments:

1. **body:** Trivial patch. This code was completely rewritten in trunk, and I could not spot a problem there.
   label: code-design
2. +1 on patch.
3. Thanks Ted. I'm running this in a loop again, to get some confidence that this is what it tripped over. I had to run it for a while to see this failure, so I need to let it run a bit longer. But anyway, this change is safe and will not break things.
4. Committed to 0.94. Thanks for the quick review.
5. Yes this is needed. +1.
6. Integrated in HBase-0.94 #729 (See [https://builds.apache.org/job/HBase-0.94/729/]) HBASE-7550 Synchronization problem in AssignmentManager (Revision 1432806) Result = FAILURE larsh : Files : * /hbase/branches/0.94/src/main/java/org/apache/hadoop/hbase/master/AssignmentManager.java
7. Integrated in HBase-0.94-security #95 (See [https://builds.apache.org/job/HBase-0.94-security/95/]) HBASE-7550 Synchronization problem in AssignmentManager (Revision 1432806) Result = SUCCESS larsh : Files : * /hbase/branches/0.94/src/main/java/org/apache/hadoop/hbase/master/AssignmentManager.java
8. Integrated in HBase-0.94-security-on-Hadoop-23 #11 (See [https://builds.apache.org/job/HBase-0.94-security-on-Hadoop-23/11/]) HBASE-7550 Synchronization problem in AssignmentManager (Revision 1432806) Result = FAILURE larsh : Files : * /hbase/branches/0.94/src/main/java/org/apache/hadoop/hbase/master/AssignmentManager.java