

## Item 12

### git\_comments:

1. \* \* Tag a test that covers our metrics handling
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### git\_commits:

1. **summary:** HBASE-14516 categorize hadoop-compat tests  
**message:** HBASE-14516 categorize hadoop-compat tests \* make sure the test classifications are in test scope for their use in the hadoop-compat modules \* added a test category for 'metrics related' since that's what all these tests are for \* categorized tests as small,metrics Conflicts: hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/master/TestMetricsMasterSourceImpl.java

### github\_issues:

### github\_issues\_comments:

### github\_pulls:

### github\_pulls\_comments:

### github\_pulls\_reviews:

### jira\_issues:

1. **summary:** categorize hadoop-compat tests  
**description:** the hadoop-compat and hadoop2-compat modules do not rely on the hbase annotations test-jar and their tests aren't categorized. this causes things to fail if you attempt to specify one of our test categories to run.
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**label:** test
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**label:** code-design

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#### jira\_issues\_comments:

1. -01 \* add test dep on hbase-annotations test-jar \* add 'metrics' test category \* categorize tests tested manually with mvn test -DreuseForks=false -Dsurefire.firstPartForkCount=1 -Dsurefire.skipSecondPart=true -Dgroups=org.apache.hadoop.hbase.testclassification.MetricsTests -DskipServerTests -DskipRestTests -DskipSparkTests (additionally using SmallTests in place of MetricsTests above fails before test and succeeds now)
2. [~eclark] This is for you. IIRC, you are the one who was for not annotating your favorite modules, the hadoop-compat ones.
3. If we're not going to annotate them we may as well remove them, since they'll effectively never be run in our nightly checks.
4. +1 on the patch
5. **body:** +1 looks good to me. The un-annotated tests in those modules all used to run by default. Is there something changing in our nightlies?  
**label:** test
6. uncategorized tests only ran because of a bug in how we tell surefire what to run (HBASE-14530). Once that's corrected, our nightlies are set to use -PrunAllTests, which only actually runs all tests that are labeled one of small, medium, or large.
7. also if you ignore our profiles and tell surefire directly which groups to run (like I've been testing with Travis-CI lately) then these tests also don't run.
8. pushed to branch-1.0+. Attached a 0.98 version, which includes categorizing the hadoop1-compat module.
9. (I tested it with both the hadoop 2 profile and the hadoop-1.1 profile)
10. FAILURE: Integrated in HBase-1.0 #1070 (See [https://builds.apache.org/job/HBase-1.0/1070/]) HBASE-14516 categorize hadoop-compat tests (busbey: rev a5cd676e724f3b703501ff1b94624c59e8699af6) \* hbase-hadoop-compat/src/test/java/org/apache/hadoop/hbase/TestCompatibilitySingletonFactory.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/master/TestMetricsMasterSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/thrift/TestMetricsThriftServerSourceFactoryImpl.java \* hbase-hadoop-compat/src/test/java/org/apache/hadoop/hbase/regionserver/TestMetricsRegionServerSourceFactory.java \* hbase-hadoop-compat/src/test/java/org/apache/hadoop/hbase/master/TestMetricsMasterSourceFactory.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/replication/regionserver/TestMetricsReplicationSourceFactoryImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/rest/TestMetricsRESTSourceImpl.java \* hbase-hadoop-compat/pom.xml \* hbase-hadoop-compat/src/test/java/org/apache/hadoop/hbase/thrift/TestMetricsThriftServerSourceFactory.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/TestMetricsRegionSourceImpl.java \* hbase-hadoop-compat/src/test/java/org/apache/hadoop/hbase/regionserver/wal/TestMetricsWALSource.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/wal/TestMetricsWALSourceImpl.java \* hbase-hadoop-compat/src/test/java/org/apache/hadoop/hbase/rest/TestMetricsRESTSource.java \* hbase-annotations/src/test/java/org/apache/hadoop/hbase/testclassification/MetricsTests.java \* hbase-hadoop2-compat/pom.xml \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/replication/regionserver/TestMetricsReplicationSourceImpl.java \* hbase-hadoop-compat/src/test/java/org/apache/hadoop/hbase/replication/regionserver/TestMetricsReplicationSourceFactory.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/TestMetricsRegionServerSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/metrics/TestBaseSourceImpl.java

11. SUCCESS: Integrated in HBase-1.2-IT #186 (See [<https://builds.apache.org/job/HBase-1.2-IT/186/>]) HBASE-14516 categorize hadoop-compat tests (busbey: rev ee46c04a505447cc0fa6ad858f5a36e97d54dab5) \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/TestMetricsRegionSourceImpl.java \* hbase-hadoop2-compat/pom.xml \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/TestMetricsRegionServerSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/replication/regionserver/TestMetricsReplicationSourceFactoryImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/rest/TestMetricsRESTSource.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/metrics/TestBaseSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/thrift/TestMetricsThriftServerSourceFactoryImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/master/TestMetricsMasterSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/thrift/TestMetricsThriftServerSourceFactory.java \* hbase-annotations/src/test/java/org/apache/hadoop/hbase/testclassification/MetricsTests.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/wal/TestMetricsWALSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/TestMetricsRegionServerSourceFactory.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/wal/TestMetricsWALSource.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/TestCompatibilitySingletonFactory.java \* hbase-hadoop2-compat/pom.xml \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/replication/regionserver/TestMetricsReplicationSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/rest/TestMetricsRESTSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/master/TestMetricsMasterSourceFactory.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/replication/regionserver/TestMetricsReplicationSourceFactory.java
12. FAILURE: Integrated in HBase-1.2 #223 (See [<https://builds.apache.org/job/HBase-1.2/223/>]) HBASE-14516 categorize hadoop-compat tests (busbey: rev ee46c04a505447cc0fa6ad858f5a36e97d54dab5) \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/wal/TestMetricsWALSource.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/thrift/TestMetricsThriftServerSourceFactoryImpl.java \* hbase-hadoop2-compat/pom.xml \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/thrift/TestMetricsThriftServerSourceFactory.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/master/TestMetricsMasterSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/TestCompatibilitySingletonFactory.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/replication/regionserver/TestMetricsReplicationSourceFactoryImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/replication/regionserver/TestMetricsReplicationSourceFactory.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/rest/TestMetricsRESTSource.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/TestMetricsRegionSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/TestMetricsRegionServerSourceFactory.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/rest/TestMetricsRESTSourceImpl.java \* hbase-annotations/src/test/java/org/apache/hadoop/hbase/testclassification/MetricsTests.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/master/TestMetricsMasterSourceFactory.java \* hbase-hadoop2-compat/pom.xml \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/replication/regionserver/TestMetricsReplicationSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/TestMetricsRegionServerSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/metrics/TestBaseSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/wal/TestMetricsWALSourceImpl.java
13. SUCCESS: Integrated in HBase-1.3-IT #205 (See [<https://builds.apache.org/job/HBase-1.3-IT/205/>]) HBASE-14516 categorize hadoop-compat tests (busbey: rev 436bd5e82391dc3699c3c56c44d23d754d9f9251) \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/TestMetricsRegionServerSourceFactory.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/master/TestMetricsMasterSourceFactory.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/replication/regionserver/TestMetricsReplicationSourceFactoryImpl.java \* hbase-hadoop2-compat/pom.xml \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/thrift/TestMetricsThriftServerSourceFactoryImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/replication/regionserver/TestMetricsReplicationSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/TestCompatibilitySingletonFactory.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/metrics/TestBaseSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/rest/TestMetricsRESTSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/wal/TestMetricsWALSource.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/rest/TestMetricsRESTSource.java \* hbase-hadoop2-compat/pom.xml \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/wal/TestMetricsWALSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/TestMetricsRegionSourceImpl.java \* hbase-annotations/src/test/java/org/apache/hadoop/hbase/testclassification/MetricsTests.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/replication/regionserver/TestMetricsReplicationSourceFactory.java \*

- hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/master/TestMetricsMasterSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/TestMetricsRegionServerSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/thrift/TestMetricsThriftServerSourceFactory.java
14. FAILURE: Integrated in HBase-1.3 #230 (See [https://builds.apache.org/job/HBase-1.3/230/]) HBASE-14516 categorize hadoop-compat tests (busbey: rev 436bd5e82391dc3699c3c56c44d23d754d9f9251) \* hbase-annotations/src/test/java/org/apache/hadoop/hbase/testclassification/MetricsTests.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/TestMetricsRegionServerSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/TestCompatibilitySingletonFactory.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/replication/regionserver/TestMetricsReplicationSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/TestMetricsRegionServerSourceFactory.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/wal/TestMetricsWALSourceImpl.java \* hbase-hadoop2-compat/pom.xml \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/rest/TestMetricsRESTSource.java \* hbase-hadoop2-compat/pom.xml \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/wal/TestMetricsWALSource.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/rest/TestMetricsRESTSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/replication/regionserver/TestMetricsReplicationSourceFactory.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/master/TestMetricsMasterSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/master/TestMetricsMasterSourceFactory.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/metrics/TestBaseSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/TestMetricsRegionSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/thrift/TestMetricsThriftServerSourceFactoryImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/replication/regionserver/TestMetricsReplicationSourceFactoryImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/thrift/TestMetricsThriftServerSourceFactory.java
15. SUCCESS: Integrated in HBase-1.1 #694 (See [https://builds.apache.org/job/HBase-1.1/694/]) HBASE-14516 categorize hadoop-compat tests (busbey: rev a621169078489ca1a25f47d017d34550e6d3cde9) \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/TestCompatibilitySingletonFactory.java \* hbase-hadoop2-compat/pom.xml \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/rest/TestMetricsRESTSourceImpl.java \* hbase-annotations/src/test/java/org/apache/hadoop/hbase/testclassification/MetricsTests.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/thrift/TestMetricsThriftServerSourceFactoryImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/metrics/TestBaseSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/wal/TestMetricsWALSource.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/TestMetricsRegionServerSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/master/TestMetricsMasterSourceFactory.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/replication/regionserver/TestMetricsReplicationSourceFactory.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/TestMetricsRegionSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/replication/regionserver/TestMetricsReplicationSourceFactoryImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/rest/TestMetricsRESTSource.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/wal/TestMetricsWALSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/thrift/TestMetricsThriftServerSourceFactory.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/master/TestMetricsMasterSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/replication/regionserver/TestMetricsReplicationSourceImpl.java \* hbase-hadoop2-compat/pom.xml \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/TestMetricsRegionServerSourceFactory.java
16. FAILURE: Integrated in HBase-TRUNK #6869 (See [https://builds.apache.org/job/HBase-TRUNK/6869/]) HBASE-14516 categorize hadoop-compat tests (busbey: rev a545d71295e582398b2689ed09d2167d7f118cec) \* hbase-hadoop2-compat/pom.xml \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/replication/regionserver/TestMetricsReplicationSourceFactoryImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/master/TestMetricsMasterSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/metrics/TestBaseSourceImpl.java \* hbase-hadoop2-compat/pom.xml \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/master/TestMetricsMasterSourceFactory.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/thrift/TestMetricsThriftServerSourceFactoryImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/TestMetricsRegionServerSourceFactory.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/replication/regionserver/TestMetricsReplicationSourceImpl.java \* hbase-annotations/src/test/java/org/apache/hadoop/hbase/testclassification/MetricsTests.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/rest/TestMetricsRESTSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/TestMetricsRegionSourceImpl.java \* hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/wal/TestMetricsWALSource.java \* hbase-hadoop2-

compat/src/test/java/org/apache/hadoop/hbase/rest/TestMetricsRESTSource.java \* hbase-hadoop-  
 compat/src/test/java/org/apache/hadoop/hbase/thrift/TestMetricsThriftServerSourceFactory.java \* hbase-hadoop2-  
 compat/src/test/java/org/apache/hadoop/hbase/regionserver/wal/TestMetricsWALSourceImpl.java \* hbase-hadoop-  
 compat/src/test/java/org/apache/hadoop/hbase/replication/regionserver/TestMetricsReplicationSourceFactory.java \*  
 hbase-hadoop2-  
 compat/src/test/java/org/apache/hadoop/hbase/regionserver/TestMetricsRegionServerSourceImpl.java \* hbase-  
 hadoop-compat/src/test/java/org/apache/hadoop/hbase/TestCompatibilitySingletonFactory.java

17. **body:** {color:red}-1 overall{color}. Here are the results of testing the latest attachment  
<http://issues.apache.org/jira/secure/attachment/12764901/HBASE-14516.0.98.v2.patch> against 0.98 branch at  
 commit a545d71295e582398b2689ed09d2167d7f118cec. ATTACHMENT ID: 12764901 {color:green}+1  
 @author{color}. The patch does not contain any @author tags. {color:green}+1 tests included{color}. The patch  
 appears to include 106 new or modified tests. {color:green}+1 hadoop versions{color}. The patch compiles with all  
 supported hadoop versions (2.4.0 2.4.1 2.5.0 2.5.1 2.5.2 2.6.0 2.6.1 2.7.0 2.7.1) {color:green}+1 javac{color}. The  
 applied patch does not increase the total number of javac compiler warnings. {color:green}+1 protoc{color}. The  
 applied patch does not increase the total number of protoc compiler warnings. {color:red}-1 javadoc{color}. The  
 javadoc tool appears to have generated 28 warning messages. {color:green}+1 checkstyle{color}. The applied patch  
 does not increase the total number of checkstyle errors {color:green}+1 findbugs{color}. The patch does not  
 introduce any new Findbugs (version 2.0.3) warnings. {color:green}+1 release audit{color}. The applied patch does  
 not increase the total number of release audit warnings. {color:green}+1 lineLengths{color}. The patch does not  
 introduce lines longer than 100 {color:green}+1 site{color}. The mvn post-site goal succeeds with this patch.  
 {color:red}-1 core tests{color}. The patch failed these unit tests: {color:red}-1 core zombie tests{color}. There are 2  
 zombie test(s): Test results: <https://builds.apache.org/job/PreCommit-HBASE-Build/15867/testReport/> Release  
 Findbugs (version 2.0.3) warnings: <https://builds.apache.org/job/PreCommit-HBASE-Build/15867/artifact/patchprocess/newFindbugsWarnings.html> Checkstyle Errors:  
<https://builds.apache.org/job/PreCommit-HBASE-Build/15867/artifact/patchprocess/checkstyle-aggregate.html>  
 Javadoc warnings: <https://builds.apache.org/job/PreCommit-HBASE-Build/15867/artifact/patchprocess/patchJavadocWarnings.txt> Console output:  
<https://builds.apache.org/job/PreCommit-HBASE-Build/15867/console> This message is automatically generated.  
**label:** code-design
18. [~apurtell] fine with this for 0.98?
19. bump [~apurtell]
20. +1
21. FAILURE: Integrated in HBase-0.98-on-Hadoop-1.1 #1141 (See [<https://builds.apache.org/job/HBase-0.98-on-Hadoop-1.1/1141/>]) HBASE-14516 categorize hadoop-compat tests (busbey: rev  
 6a5d3f70101ae7bd7f94df2ef75ec60bd511fbff) \* hbase-hadoop1-  
 compat/src/test/java/org/apache/hadoop/hbase/regionserver/wal/TestMetricsWALSourceImpl.java \* hbase-hadoop-  
 compat/src/test/java/org/apache/hadoop/hbase/master/TestMetricsMasterSourceFactory.java \* hbase-hadoop1-  
 compat/src/test/java/org/apache/hadoop/hbase/thrift/TestThriftServerMetricsSourceFactoryImpl.java \* hbase-  
 hadoop2-compat/pom.xml \* hbase-hadoop2-  
 compat/src/test/java/org/apache/hadoop/hbase/master/TestMetricsMasterSourceImpl.java \* hbase-hadoop2-  
 compat/src/test/java/org/apache/hadoop/hbase/thrift/TestMetricsThriftServerSourceFactoryImpl.java \* hbase-  
 hadoop-  
 compat/src/test/java/org/apache/hadoop/hbase/replication/regionserver/TestMetricsReplicationSourceFactory.java \*  
 hbase-hadoop1-compat/src/test/java/org/apache/hadoop/hbase/rest/TestRESTMetricsSourceImpl.java \* hbase-  
 hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/TestMetricsRegionSourceImpl.java \* hbase-  
 hadoop1-compat/src/test/java/org/apache/hadoop/hbase/master/TestMetricsMasterSourceImpl.java \* hbase-hadoop1-  
 compat/pom.xml \* hbase-hadoop2-  
 compat/src/test/java/org/apache/hadoop/hbase/rest/TestMetricsRESTSourceImpl.java \* hbase-  
 annotations/src/test/java/org/apache/hadoop/hbase/testclassification/MetricsTests.java \* hbase-hadoop1-  
 compat/src/test/java/org/apache/hadoop/hbase/regionserver/TestMetricsRegionSourceImpl.java \* hbase-hadoop-  
 compat/pom.xml \* hbase-hadoop1-  
 compat/src/test/java/org/apache/hadoop/hbase/replication/regionserver/TestReplicationMetricsSourceImpl.java \*  
 hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/metrics/TestBaseSourceImpl.java \* hbase-hadoop-  
 compat/src/test/java/org/apache/hadoop/hbase/regionserver/TestMetricsRegionServerSourceFactory.java \* hbase-  
 hadoop1-compat/src/test/java/org/apache/hadoop/hbase/regionserver/TestMetricsRegionServerSourceImpl.java \*  
 hbase-hadoop1-compat/src/test/java/org/apache/hadoop/hbase/metrics/TestBaseSourceImpl.java \* hbase-hadoop2-  
 compat/src/test/java/org/apache/hadoop/hbase/regionserver/wal/TestMetricsWALSourceImpl.java \* hbase-hadoop-  
 compat/src/test/java/org/apache/hadoop/hbase/thrift/TestMetricsThriftServerSourceFactory.java \* hbase-hadoop-  
 compat/src/test/java/org/apache/hadoop/hbase/rest/TestMetricsRESTSource.java \* hbase-hadoop1-  
 compat/src/test/java/org/apache/hadoop/hbase/replication/regionserver/TestMetricsReplicationSourceImpl.java \*  
 hbase-hadoop-compat/src/test/java/org/apache/hadoop/hbase/TestCompatibilitySingletonFactory.java \* hbase-  
 hadoop2-  
 compat/src/test/java/org/apache/hadoop/hbase/replication/regionserver/TestMetricsReplicationSourceFactoryImpl.java  
 \* hbase-hadoop2-

compat/src/test/java/org/apache/hadoop/hbase/replication/regionserver/TestMetricsReplicationSourceImpl.java \*  
 hbase-hadoop-compat/src/test/java/org/apache/hadoop/hbase/regionserver/wal/TestMetricsHLogSource.java \* hbase-  
 hadoop2-compat/src/test/java/org/apache/hadoop/hbase/regionserver/TestMetricsRegionServerSourceImpl.java  
 22. FAILURE: Integrated in HBase-0.98-matrix #268 (See [https://builds.apache.org/job/HBase-0.98-matrix/268/])  
 HBASE-14516 categorize hadoop-compat tests (busbey: rev 6a5d3f70101ae7bd7f94df2ef75ec60bd511fbff) \* hbase-  
 hadoop-  
 compat/src/test/java/org/apache/hadoop/hbase/replication/regionserver/TestMetricsReplicationSourceFactory.java \*  
 hbase-hadoop-compat/src/test/java/org/apache/hadoop/hbase/thrift/TestMetricsThriftServerSourceFactory.java \*  
 hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/metrics/TestBaseSourceImpl.java \* hbase-hadoop1-  
 compat/src/test/java/org/apache/hadoop/hbase/regionserver/TestMetricsRegionServerSourceImpl.java \* hbase-  
 hadoop1-  
 compat/src/test/java/org/apache/hadoop/hbase/replication/regionserver/TestReplicationMetricsSourceImpl.java \*  
 hbase-hadoop-compat/pom.xml \* hbase-hadoop2-  
 compat/src/test/java/org/apache/hadoop/hbase/regionserver/wal/TestMetricsWALSourceImpl.java \* hbase-hadoop1-  
 compat/src/test/java/org/apache/hadoop/hbase/metrics/TestBaseSourceImpl.java \* hbase-hadoop1-compat/pom.xml  
 \* hbase-hadoop1-  
 compat/src/test/java/org/apache/hadoop/hbase/replication/regionserver/TestMetricsReplicationSourceImpl.java \*  
 hbase-hadoop2-  
 compat/src/test/java/org/apache/hadoop/hbase/regionserver/TestMetricsRegionServerSourceImpl.java \* hbase-  
 hadoop1-compat/src/test/java/org/apache/hadoop/hbase/master/TestMetricsMasterSourceImpl.java \* hbase-hadoop1-  
 compat/src/test/java/org/apache/hadoop/hbase/regionserver/wal/TestMetricsWALSourceImpl.java \* hbase-hadoop2-  
 compat/src/test/java/org/apache/hadoop/hbase/regionserver/TestMetricsRegionSourceImpl.java \* hbase-hadoop-  
 compat/src/test/java/org/apache/hadoop/hbase/regionserver/wal/TestMetricsHLogSource.java \* hbase-hadoop2-  
 compat/src/test/java/org/apache/hadoop/hbase/replication/regionserver/TestMetricsReplicationSourceFactoryImpl.java  
 \* hbase-hadoop2-  
 compat/src/test/java/org/apache/hadoop/hbase/replication/regionserver/TestMetricsReplicationSourceImpl.java \*  
 hbase-hadoop2-compat/src/test/java/org/apache/hadoop/hbase/thrift/TestMetricsThriftServerSourceFactoryImpl.java  
 \* hbase-hadoop1-compat/src/test/java/org/apache/hadoop/hbase/regionserver/TestMetricsRegionSourceImpl.java \*  
 hbase-hadoop2-compat/pom.xml \* hbase-hadoop1-  
 compat/src/test/java/org/apache/hadoop/hbase/thrift/TestThriftServerMetricsSourceFactoryImpl.java \* hbase-  
 hadoop-compat/src/test/java/org/apache/hadoop/hbase/TestCompatibilitySingletonFactory.java \* hbase-hadoop2-  
 compat/src/test/java/org/apache/hadoop/hbase/master/TestMetricsMasterSourceImpl.java \* hbase-hadoop1-  
 compat/src/test/java/org/apache/hadoop/hbase/rest/TestRESTMetricsSourceImpl.java \* hbase-  
 annotations/src/test/java/org/apache/hadoop/hbase/testclassification/MetricsTests.java \* hbase-hadoop-  
 compat/src/test/java/org/apache/hadoop/hbase/regionserver/TestMetricsRegionServerSourceFactory.java \* hbase-  
 hadoop2-compat/src/test/java/org/apache/hadoop/hbase/rest/TestMetricsRESTSourceImpl.java \* hbase-hadoop-  
 compat/src/test/java/org/apache/hadoop/hbase/master/TestMetricsMasterSourceFactory.java \* hbase-hadoop-  
 compat/src/test/java/org/apache/hadoop/hbase/rest/TestMetricsRESTSource.java

23. Bulk closing 1.1.3 issues.