

git_comments:

1. Should override the parent parameters class.
2. * Licensed to the Apache Software Foundation (ASF) under one * or more contributor license agreements. See the NOTICE file * distributed with this work for additional information * regarding copyright ownership. The ASF licenses this file * to you under the Apache License, Version 2.0 (the * "License"); you may not use this file except in compliance * with the License. You may obtain a copy of the License at * * <http://www.apache.org/licenses/LICENSE-2.0> * * Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License.
3. Test input classes of various kinds.
4. * * Tests HBaseClassTestRule.
5. Invalid cases, expected to return 1.
6. Should be inferred from the parent class.
7. Valid parameterized classes.
8. Testing inheritance.
9. Not valid because parameters method is private.
10. Found the parameters method. Figure out the number of parameters.
11. A valid parameters method is public static and with @Parameters annotation.
12. * * Helper method that checks if the input method is a valid JUnit @Parameters method. * @param method Input method. * @return true if the method is a valid JUnit parameters method, false otherwise.
13.

```
import edu.umd.cs.findbugs.annotations.NonNull; import java.lang.reflect.InvocationTargetException;
import java.lang.reflect.Method; import java.lang.reflect.Modifier; import java.util.Arrays; import
java.util.Collection; import java.util.List; import org.junit.runner.RunWith; import
org.junit.runners.Parameterized; import org.junit.runners.Parameterized.Parameters; import
org.slf4j.Logger; import org.slf4j.LoggerFactory; import
org.apache.hbase.thirdparty.com.google.common.annotations.VisibleForTesting; import
org.apache.hbase.thirdparty.com.google.common.collect.Iterables; private static final Logger LOG =
LoggerFactory.getLogger(HBaseClassTestRule.class); // Each unit test has this timeout. private static long
PER_UNIT_TEST_TIMEOUT_MINS = 13; // Starting JUnit 4.13, it appears that the timeout is applied
across all the parameterized // runs. So the timeout is multiplied by number of parameterized runs. int
numParams = getNumParameters(clazz); long timeout = numParams *
PER_UNIT_TEST_TIMEOUT_MINS; LOG.info("Test {} timeout: {} mins", clazz, timeout); return
TimeUnit.MINUTES.toSeconds(timeout); /** * @param clazz Test class that is running. * @return the
number of parameters for this given test class. If the test is not parameterized or * if there is any issue
determining the number of parameters, returns 1.
```

git_commits:

1. **summary:** HBASE-23731: De-flake TestFromClientSide (#1091)
message: HBASE-23731: De-flake TestFromClientSide (#1091) There were a couple of issues. - There was a leak of a file descriptor for hbck lock file. This was contributing to all the "ConnectionRefused" stack traces since it was trying to renew lease for an already expired mini dfs cluster. This issue was there for a while, just that we noticed it now. - After upgrade to JUnit 4.13, it looks like the behavior for test timeouts has changed. Earlier the timeout seems to have applied for each parameterized run, but now it looks like it is applied across all the runs. This patch fixes both the issues. Signed-off-by: Stack <stack@apache.org> Signed-off-by: Jan Hentschel <jan.hentschel@ultratendency.com>

github_issues:**github_issues_comments:****github_pulls:**

1. **title:** HBASE-23731: De-flake TestFromClientSide
body: There were a couple of issues. - There was a leak of a file descriptor for hbck lock file. This was contributing to all the "ConnectionRefused" stack traces since it was trying to renew lease for an already

expired mini dfs cluster. This issue was there for a while, just that we noticed it now. - After upgrade to JUnit 4.13, it looks like the behavior for test timeouts has changed. Earlier the timeout seems to have applied for each parameterized run, but now it looks like it is applied across all the runs. This patch fixes both the issues.

github_pulls_comments:

1. :broken_heart: **-1 overall** | Vote | Subsystem | Runtime | Comment | |:----:|:-----:|:-----:|:-----:| | +0 :ok: | reexec | 4m 33s | Docker mode activated. | ||| _ Prechecks _ | | +1 :green_heart: | dupname | 0m 0s | No case conflicting files found. | | +1 :green_heart: | hbaseanti | 0m 0s | Patch does not have any anti-patterns. | | +1 :green_heart: | @author | 0m 0s | The patch does not contain any @author tags. | | +1 :green_heart: | test4tests | 0m 0s | The patch appears to include 1 new or modified test files. | ||| _ HBASE-18095/client-locate-meta-no-zookeeper Compile Tests _ | | +0 :ok: | mvndep | 0m 34s | Maven dependency ordering for branch | | +1 :green_heart: | mvninstall | 5m 51s | HBASE-18095/client-locate-meta-no-zookeeper passed | | +1 :green_heart: | compile | 1m 22s | HBASE-18095/client-locate-meta-no-zookeeper passed | | +1 :green_heart: | checkstyle | 1m 40s | HBASE-18095/client-locate-meta-no-zookeeper passed | | +1 :green_heart: | shadedjars | 5m 5s | branch has no errors when building our shaded downstream artifacts. | | +1 :green_heart: | javadoc | 0m 58s | HBASE-18095/client-locate-meta-no-zookeeper passed | | +0 :ok: | spotbugs | 4m 48s | Used deprecated FindBugs config; considering switching to SpotBugs. | | +1 :green_heart: | findbugs | 5m 34s | HBASE-18095/client-locate-meta-no-zookeeper passed | ||| _ Patch Compile Tests _ | | +0 :ok: | mvndep | 0m 14s | Maven dependency ordering for patch | | +1 :green_heart: | mvninstall | 5m 35s | the patch passed | | +1 :green_heart: | compile | 1m 23s | the patch passed | | +1 :green_heart: | javac | 1m 23s | the patch passed | | -1 :x: | checkstyle | 1m 13s | hbase-server: The patch generated 1 new + 103 unchanged - 0 fixed = 104 total (was 103) | | +1 :green_heart: | whitespace | 0m 0s | The patch has no whitespace issues. | | +1 :green_heart: | shadedjars | 5m 9s | patch has no errors when building our shaded downstream artifacts. | | +1 :green_heart: | hadoopcheck | 17m 43s | Patch does not cause any errors with Hadoop 2.8.5 2.9.2 or 3.1.2. | | +1 :green_heart: | javadoc | 0m 56s | the patch passed | | +1 :green_heart: | findbugs | 5m 47s | the patch passed | ||| _ Other Tests _ | | +1 :green_heart: | unit | 3m 11s | hbase-common in the patch passed. | | -1 :x: | unit | 34m 17s | hbase-server in the patch failed. | | +1 :green_heart: | asflicense | 0m 30s | The patch does not generate ASF License warnings. | ||| 109m 15s ||| Reason | Tests | |:-----:|:-----:| | Failed junit tests | | hadoop.hbase.client.TestAsyncAccessControlAdminApi | | | hadoop.hbase.io.hfile.TestHFileScannerImplReferenceCount | | | hadoop.hbase.io.hfile.TestHFilePrettyPrinter | | Subsystem | Report/Notes | |:-----:|:-----:| | Docker | Client=19.03.5 Server=19.03.5 base: <https://builds.apache.org/job/HBase-PreCommit-GitHub-PR/job/PR-1091/1/artifact/out/Dockerfile> | | GITHUB PR | <https://github.com/apache/hbase/pull/1091> | | JIRA Issue | HBASE-23731 | | Optional Tests | dupname asflicense javac javadoc unit spotbugs findbugs shadedjars hadoopcheck hbaseanti checkstyle compile | | uname | Linux cd804e956199 4.15.0-74-generic #84-Ubuntu SMP Thu Dec 19 08:06:28 UTC 2019 x86_64 GNU/Linux | | Build tool | maven | | Personality | /home/jenkins/jenkins-slave/workspace/Base-PreCommit-GitHub-PR_PR-1091/out/precommit/personality/provided.sh | | git revision | HBASE-18095/client-locate-meta-no-zookeeper / 39ff6f82d9 | | Default Java | 1.8.0_181 | | checkstyle | <https://builds.apache.org/job/HBase-PreCommit-GitHub-PR/job/PR-1091/1/artifact/out/diff-checkstyle-hbase-server.txt> | | unit | <https://builds.apache.org/job/HBase-PreCommit-GitHub-PR/job/PR-1091/1/artifact/out/patch-unit-hbase-server.txt> | | Test Results | <https://builds.apache.org/job/HBase-PreCommit-GitHub-PR/job/PR-1091/1/testReport/> | | Max. process+thread count | 903 (vs. ulimit of 10000) | | modules | C: hbase-common hbase-server U: . | | Console output | <https://builds.apache.org/job/HBase-PreCommit-GitHub-PR/job/PR-1091/1/console> | | versions | git=2.11.0 maven=2018-06-17T18:33:14Z) findbugs=3.1.11 | | Powered by | Apache Yetus 0.11.1 <https://yetus.apache.org> | This message was automatically generated.
2. :broken_heart: **-1 overall** | Vote | Subsystem | Runtime | Comment | |:----:|:-----:|:-----:|:-----:| | +0 :ok: | reexec | 3m 52s | Docker mode activated. | ||| _ Prechecks _ | | +1 :green_heart: | dupname | 0m 0s | No case conflicting files found. | | +1 :green_heart: | hbaseanti | 0m 0s | Patch does not have any anti-patterns. | | +1 :green_heart: | @author | 0m 0s | The patch does not contain any @author tags. | | +1 :green_heart: | test4tests | 0m 0s | The patch appears to include 3 new or modified test files. | ||| _ HBASE-18095/client-locate-meta-no-zookeeper Compile Tests _ | | +0 :ok: | mvndep | 0m 34s | Maven dependency ordering for branch | | +1 :green_heart: | mvninstall | 5m 53s | HBASE-18095/client-locate-meta-no-zookeeper passed | | +1 :green_heart: | compile | 1m 20s | HBASE-18095/client-locate-meta-no-zookeeper passed | | +1 :green_heart: | checkstyle | 1m 41s | HBASE-18095/client-locate-meta-no-zookeeper passed | | +1 :green_heart: | shadedjars | 5m 6s | branch has no errors when building our shaded

downstream artifacts. || +1 :green_heart: | javadoc | 0m 56s | HBASE-18095/client-locate-meta-no-zookeeper passed || +0 :ok: | spotbugs | 4m 43s | Used deprecated FindBugs config; considering switching to SpotBugs. || +1 :green_heart: | findbugs | 5m 31s | HBASE-18095/client-locate-meta-no-zookeeper passed ||| _ Patch Compile Tests _ || +0 :ok: | mvndep | 0m 14s | Maven dependency ordering for patch || +1 :green_heart: | mvninstall | 5m 38s | the patch passed || +1 :green_heart: | compile | 1m 22s | the patch passed || +1 :green_heart: | javac | 1m 22s | the patch passed || +1 :green_heart: | checkstyle | 1m 38s | the patch passed || +1 :green_heart: | whitespace | 0m 0s | The patch has no whitespace issues. || +1 :green_heart: | shadedjars | 5m 6s | patch has no errors when building our shaded downstream artifacts. || +1 :green_heart: | hadoopcheck | 17m 36s | Patch does not cause any errors with Hadoop 2.8.5 2.9.2 or 3.1.2. || +1 :green_heart: | javadoc | 0m 56s | the patch passed || +1 :green_heart: | findbugs | 5m 32s | the patch passed ||| _ Other Tests _ || +1 :green_heart: | unit | 3m 9s | hbase-common in the patch passed. || -1 :x: | unit | 169m 16s | hbase-server in the patch failed. || +1 :green_heart: | asflicense | 0m 52s | The patch does not generate ASF License warnings. ||| 243m 24s || Reason | Tests | |-----:|-----| | Failed junit tests | hadoop.hbase.master.TestMasterShutdown |||
 hadoop.hbase.security.access.TestSnapshotScannerHDFSACLController || Subsystem | Report/Notes | |-----:|-----:|-----:| | Docker | Client=19.03.5 Server=19.03.5 base: https://builds.apache.org/job/HBase-PreCommit-GitHub-PR/job/PR-1091/2/artifact/out/Dockerfile || GITHUB PR |
<https://github.com/apache/hbase/pull/1091> || JIRA Issue | HBASE-23731 || Optional Tests | dupname asflicense javac javadoc unit spotbugs findbugs shadedjars hadoopcheck hbaseanti checkstyle compile || uname | Linux 0e4d97a88c02 4.15.0-74-generic #84-Ubuntu SMP Thu Dec 19 08:06:28 UTC 2019 x86_64 GNU/Linux || Build tool | maven || Personality | /home/jenkins/jenkins-slave/workspace/Base-PreCommit-GitHub-PR_PR-1091/out/precommit/personality/provided.sh || git revision | HBASE-18095/client-locate-meta-no-zookeeper / 39ff6f82d9 || Default Java | 1.8.0_181 || unit |
<https://builds.apache.org/job/HBase-PreCommit-GitHub-PR/job/PR-1091/2/artifact/out/patch-unit-hbase-server.txt> || Test Results | <https://builds.apache.org/job/HBase-PreCommit-GitHub-PR/job/PR-1091/2/testReport/> || Max. process+thread count | 5529 (vs. ulimit of 10000) || modules | C: hbase-common hbase-server U: . || Console output | <https://builds.apache.org/job/HBase-PreCommit-GitHub-PR/job/PR-1091/2/console> || versions | git=2.11.0 maven=2018-06-17T18:33:14Z) findbugs=3.1.11 || Powered by | Apache Yetus 0.11.1 <https://yetus.apache.org> | This message was automatically generated.

3. :broken_heart: ** -1 overall ** | Vote | Subsystem | Runtime | Comment | |-----:|-----:|-----:| |-----:| | +0 :ok: | reexec | 2m 49s | Docker mode activated. ||| _ Prechecks _ || +1 :green_heart: | dupname | 0m 0s | No case conflicting files found. || +1 :green_heart: | hbaseanti | 0m 0s | Patch does not have any anti-patterns. || +1 :green_heart: | @author | 0m 0s | The patch does not contain any @author tags. || +1 :green_heart: | test4tests | 0m 0s | The patch appears to include 4 new or modified test files. ||| _ HBASE-18095/client-locate-meta-no-zookeeper Compile Tests _ || +0 :ok: | mvndep | 0m 49s | Maven dependency ordering for branch || +1 :green_heart: | mvninstall | 7m 41s | HBASE-18095/client-locate-meta-no-zookeeper passed || +1 :green_heart: | compile | 1m 45s | HBASE-18095/client-locate-meta-no-zookeeper passed || +1 :green_heart: | checkstyle | 1m 53s | HBASE-18095/client-locate-meta-no-zookeeper passed || +1 :green_heart: | shadedjars | 6m 26s | branch has no errors when building our shaded downstream artifacts. || +1 :green_heart: | javadoc | 1m 14s | HBASE-18095/client-locate-meta-no-zookeeper passed || +0 :ok: | spotbugs | 5m 33s | Used deprecated FindBugs config; considering switching to SpotBugs. || +1 :green_heart: | findbugs | 6m 32s | HBASE-18095/client-locate-meta-no-zookeeper passed ||| _ Patch Compile Tests _ || +0 :ok: | mvndep | 0m 16s | Maven dependency ordering for patch || +1 :green_heart: | mvninstall | 7m 32s | the patch passed || +1 :green_heart: | compile | 1m 51s | the patch passed || +1 :green_heart: | javac | 1m 51s | the patch passed || +1 :green_heart: | checkstyle | 1m 52s | the patch passed || +1 :green_heart: | whitespace | 0m 0s | The patch has no whitespace issues. || +1 :green_heart: | shadedjars | 6m 11s | patch has no errors when building our shaded downstream artifacts. || +1 :green_heart: | hadoopcheck | 23m 7s | Patch does not cause any errors with Hadoop 2.8.5 2.9.2 or 3.1.2. || +1 :green_heart: | javadoc | 1m 26s | the patch passed || +1 :green_heart: | findbugs | 7m 5s | the patch passed ||| _ Other Tests _ || +1 :green_heart: | unit | 3m 42s | hbase-common in the patch passed. || -1 :x: | unit | 184m 41s | hbase-server in the patch failed. || +1 :green_heart: | asflicense | 0m 51s | The patch does not generate ASF License warnings. ||| 275m 57s || Reason | Tests | |-----:|-----:| | Failed junit tests | hadoop.hbase.security.access.TestSnapshotScannerHDFSACLController || Subsystem | Report/Notes | |-----:|-----:|-----:| | Docker | Client=19.03.5 Server=19.03.5 base: <https://builds.apache.org/job/HBase-PreCommit-GitHub-PR/job/PR-1091/3/artifact/out/Dockerfile> || GITHUB PR | <https://github.com/apache/hbase/pull/1091> || JIRA Issue | HBASE-23731 || Optional Tests | dupname asflicense javac javadoc unit spotbugs findbugs shadedjars hadoopcheck hbaseanti checkstyle compile || uname | Linux 36c645efe5b3 4.15.0-74-generic #84-Ubuntu SMP Thu Dec 19 08:06:28 UTC 2019 x86_64 GNU/Linux || Build tool | maven || Personality | /home/jenkins/jenkins-

slave/workspace/Base-PreCommit-GitHub-PR_PR-1091/out/precommit/personality/provided.sh || git revision | HBASE-18095/client-locate-meta-no-zookeeper / 39ff6f82d9 || Default Java | 1.8.0_181 || unit | https://builds.apache.org/job/HBase-PreCommit-GitHub-PR/job/PR-1091/3/artifact/out/patch-unit-hbase-server.txt || Test Results | https://builds.apache.org/job/HBase-PreCommit-GitHub-PR/job/PR-1091/3/testReport/ || Max. process+thread count | 5224 (vs. ulimit of 10000) || modules | C: hbase-common hbase-server U: . || Console output | https://builds.apache.org/job/HBase-PreCommit-GitHub-PR/job/PR-1091/3/console || versions | git=2.11.0 maven=2018-06-17T18:33:14Z) findbugs=3.1.11 || Powered by | Apache Yetus 0.11.1 https://yetus.apache.org | This message was automatically generated.

4. +1'd it. Check out the @HorizonNet comment. This goes to the branch only?

5. Thanks for the quick review @saintstack. > Check out the @HorizonNet comment. - Already addressed his comments in the last push. > This goes to the branch only? - Yes.

6. :broken_heart: *-1 overall* | Vote | Subsystem | Runtime | Comment | |:---:|-----:|-----:|:-----:| | +0 :ok: | reexec | 2m 0s | Docker mode activated. | ||| _ Prechecks _ || +1 :green_heart: | dupname | 0m 0s | No case conflicting files found. | | +1 :green_heart: | hbaseanti | 0m 0s | Patch does not have any anti-patterns. | | +1 :green_heart: | @author | 0m 0s | The patch does not contain any @author tags. | | +1 :green_heart: | test4tests | 0m 0s | The patch appears to include 2 new or modified test files. | ||| _ HBASE-18095/client-locate-meta-no-zookeeper Compile Tests _ || +0 :ok: | mvndep | 0m 34s | Maven dependency ordering for branch | | +1 :green_heart: | mvninstall | 7m 17s | HBASE-18095/client-locate-meta-no-zookeeper passed | | +1 :green_heart: | compile | 1m 40s | HBASE-18095/client-locate-meta-no-zookeeper passed | | +1 :green_heart: | checkstyle | 1m 47s | HBASE-18095/client-locate-meta-no-zookeeper passed | | +1 :green_heart: | shadedjars | 5m 42s | branch has no errors when building our shaded downstream artifacts. | | +1 :green_heart: | javadoc | 1m 7s | HBASE-18095/client-locate-meta-no-zookeeper passed | | +0 :ok: | spotbugs | 5m 7s | Used deprecated FindBugs config; considering switching to SpotBugs. | | +1 :green_heart: | findbugs | 6m 0s | HBASE-18095/client-locate-meta-no-zookeeper passed | ||| _ Patch Compile Tests _ || +0 :ok: | mvndep | 0m 16s | Maven dependency ordering for patch | | +1 :green_heart: | mvninstall | 6m 32s | the patch passed | | +1 :green_heart: | compile | 1m 27s | the patch passed | | +1 :green_heart: | javac | 1m 27s | the patch passed | | +1 :green_heart: | checkstyle | 1m 48s | the patch passed | | +1 :green_heart: | whitespace | 0m 0s | The patch has no whitespace issues. | | +1 :green_heart: | shadedjars | 6m 7s | patch has no errors when building our shaded downstream artifacts. | | +1 :green_heart: | hadoopcheck | 22m 37s | Patch does not cause any errors with Hadoop 2.8.5 2.9.2 or 3.1.2. | | +1 :green_heart: | javadoc | 1m 11s | the patch passed | | +1 :green_heart: | findbugs | 6m 44s | the patch passed | ||| _ Other Tests _ || +1 :green_heart: | unit | 3m 43s | hbase-common in the patch passed. | | -1 :x: | unit | 180m 15s | hbase-server in the patch failed. | | +1 :green_heart: | asflicense | 1m 15s | The patch does not generate ASF License warnings. | ||| 267m 32s ||| Subsystem | Report/Notes | |-----:|:-----:| | Docker | Client=19.03.5 Server=19.03.5 base: https://builds.apache.org/job/HBase-PreCommit-GitHub-PR/job/PR-1091/4/artifact/out/Dockerfile || GITHUB PR | https://github.com/apache/hbase/pull/1091 || JIRA Issue | HBASE-23731 || Optional Tests | dupname asflicense javac javadoc unit spotbugs findbugs shadedjars hadoopcheck hbaseanti checkstyle compile || uname | Linux 046df39cb8f1 4.15.0-74-generic #84-Ubuntu SMP Thu Dec 19 08:06:28 UTC 2019 x86_64 GNU/Linux || Build tool | maven || Personality | /home/jenkins/jenkins-slave/workspace/Base-PreCommit-GitHub-PR_PR-1091/out/precommit/personality/provided.sh || git revision | HBASE-18095/client-locate-meta-no-zookeeper / 39ff6f82d9 || Default Java | 1.8.0_181 || unit | https://builds.apache.org/job/HBase-PreCommit-GitHub-PR/job/PR-1091/4/artifact/out/patch-unit-hbase-server.txt || Test Results | https://builds.apache.org/job/HBase-PreCommit-GitHub-PR/job/PR-1091/4/testReport/ || Max. process+thread count | 5244 (vs. ulimit of 10000) || modules | C: hbase-common hbase-server U: . || Console output | https://builds.apache.org/job/HBase-PreCommit-GitHub-PR/job/PR-1091/4/console || versions | git=2.11.0 maven=2018-06-17T18:33:14Z) findbugs=3.1.11 || Powered by | Apache Yetus 0.11.1 https://yetus.apache.org | This message was automatically generated.

github_pulls_reviews:

1. FYI, isTestParameterized is name of a method, not a variable. testParameterized would be the variable name.
2. Can you make a test for this?
3. Style nit, rather than have an if with a big indented clause, I'd avoid the indent by testing for the opposite case and just doing an early return if succeeds -- especially when near the opening of a method. No biggie. Just a consideration for future.
4. renamed.
5. Refactored to make more sense. Agree with your comment.

6. Done.
7. NIT: Would it be better to split this one into three separate tests according to their categorization? NIT: Better put the `Test` annotation on a separate line.
8. Better put the Test annotation on a separate line. - Done. Would it be better to split this one into three separate tests according to their categorization? - TBH, I don't see much value, I feel it is better to group them together because all of them belong to a single logical test (which is testing the number of parameters).

jira_issues:

jira_issues_comments: