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Hadoop Common / [HADOOP-12956 Inevitable Log4j2 migration via slf4j](#) / [HADOOP-14539](#)

Move commons logging APIs over to slf4j in hadoop-common

Details

Type:	Sub-task	Status:	RESOLVED
Priority:	Major	Resolution:	Fixed
Affects Version/s:	None	Fix Version/s:	2.9.0, 3.0.0-beta1
Component/s:	None		
Labels:	None		
Target Version/s:	2.9.0		
Hadoop Flags:	Incompatible change, Reviewed		
Release Note:	In Hadoop common, fatal log level is changed to error because slf4j API does not support fatal log level.		

Attachments

<a href="#">diff-checkstyle-hadoop-common-project.txt</a>	6 kB	19/Jul/17 06:04
<a href="#">HADOOP-14539.001.patch</a>	395 kB	10/Jul/17 05:50
<a href="#">HADOOP-14539.002.patch</a>	481 kB	11/Jul/17 06:48
<a href="#">HADOOP-14539.003.patch</a>	471 kB	11/Jul/17 08:11
<a href="#">HADOOP-14539-branch-2.001.patch</a>	379 kB	19/Jul/17 08:47
<a href="#">HADOOP-14539-branch-2.002.patch</a>	381 kB	19/Jul/17 08:47

Issue Links

breaks		
<a href="#">MAPREDUCE-6921</a> TestUmbilicalProtocolWithJobToken#testJobTokenRpc fails		RESOLVED
depends upon		
<a href="#">HADOOP-14638</a> Replace commons-logging APIs with slf4j in StreamPumper		RESOLVED
is blocked by		
<a href="#">HADOOP-14542</a> Add IOUtils.cleanupWithLogger that accepts slf4j logger API		RESOLVED
is duplicated by		
<a href="#">HADOOP-12342</a> Use SLF4j in ProtobufRpcEngine class		RESOLVED
relates to		
<a href="#">HADOOP-14587</a> Use GenericTestUtils.setLogLevel when available in hadoop-common		RESOLVED

Show 2 more links (2 links to)

Activity

<a href="#">Akira Ajisaka</a> added a comment - 19/Jun/17 07:59	
Filed <a href="#">HDFS-11992</a> for InstrumentedLock and InstrumentedWriteLock.	
<a href="#">Wenxin He</a> added a comment - 07/Jul/17 08:46	
Hi, <a href="#">ajisakaa</a> , I'm not sure what's the situation of this issue now. I created a pull request, hope It may help.	

ASF GitHub Bot added a comment - 07/Jul/17 08:59

GitHub user wenxinhe opened a pull request:

<https://github.com/apache/hadoop/pull/246>

[HADOOP-14539](#). Move commons logging APIs over to slf4j in hadoop-common.

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

```
$ git pull https://github.com/wenxinhe/hadoop HADOOP-14539.hadoop-common.logging
```

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

<https://github.com/apache/hadoop/pull/246.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 #246

---

commit 521ac19f9226ea271c239b9b7345d64d82ab35d4

Author: wenxinhe <wenxin.he@gmail.com>

Date: 2017-07-01T02:12:34Z

[HADOOP-14539](#). Move commons logging APIs over to slf4j in hadoop-common.

simple replace: org.apache.commons.logging.Log -> org.slf4j.Logger

commit a86f2b25202808f1e4ef2b6ce214f63dfa75e967

Author: wenxinhe <wenxin.he@gmail.com>

Date: 2017-07-06T03:54:07Z

[HADOOP-14539](#). Move commons logging APIs over to slf4j in hadoop-common.

change: LOG.fatal() -> LOG.error()

commit fa9af169900f3515e65814ef7ca1c98914e90715

Author: wenxinhe <wenxin.he@gmail.com>

Date: 2017-07-01T09:24:57Z

[HADOOP-14539](#). Move commons logging APIs over to slf4j in hadoop-common.

change: org.apache.commons.logging.Log.debug(Object)

->org.slf4j.Logger.debug(String)

commit 7af274b3e89da963691272335256004ebf9f1b83

Author: wenxinhe <wenxin.he@gmail.com>

Date: 2017-07-03T06:34:31Z

[HADOOP-14539](#). Move commons logging APIs over to slf4j in hadoop-common.

change: org.apache.commons.logging.Log.debug(Object, (Throwable) null)

-> org.slf4j.Logger.debug(String, (Throwable) null)

commit fd6f14dcdcbf36b403bd5efa114436d945959ac56

Author: wenxinhe <wenxin.he@gmail.com>

Date: 2017-07-06T08:03:43Z

[HADOOP-14539](#). Move commons logging APIs over to slf4j in hadoop-common.

change: org.apache.commons.logging.Log.debug(Object)

-> org.slf4j.Logger.debug(String, Throwable)

commit 4ce2b824e77590407f77f326f16c39175aceccbf

Author: wenxinhe <wenxin.he@gmail.com>

Date: 2017-07-06T08:54:37Z

[HADOOP-14539](#). Move commons logging APIs over to slf4j in hadoop-common.

change: IOUtils.cleanup -> IOUtils.cleanupWithLogger

commit d82797fb88dbea12ffa0db926b894cc9123e444f

Author: wenxinhe <wenxin.he@gmail.com>

Date: 2017-07-06T11:24:28Z

[HADOOP-14539](#). Move commons logging APIs over to slf4j in hadoop-common.

revert FileSystem.LOG for it's referenced by hadoop-yarn

commit f0ffa503fb135d84e542ecea80cb3d6224983cd3


Author: wenxinhe <wenxin.he@gmail.com>

Date: 2017-07-07T02:58:27Z

[HADOOP-14539](#). Move commons logging APIs over to slf4j in hadoop-common.

change: SignalLogger.INSTANCE.register(LOG)

-> SignalLogger.INSTANCE.register(LogAdapter.create(LOG))

▼  [Wenxin He](#) added a comment - 07/Jul/17 09:26

Since the change is big, it's divided into several commit steps:

**Step 1:** (521ac19f9226ea271c239b9b7345d64d82ab35d4)

simply replace all `org.apache.commons.logging.Log` to `org.slf4j.Logger` where available.

**Step 2:** (a86f2b25202808f1e4ef2b6ce214f63dfa75e967)

change `org.apache.commons.logging.LOG.fatal()` to `org.slf4j.LoggerLOG.error()` for api incompatibility.

**Step 3:** (fa9af169900f3515e65814ef7ca1c98914e90715)

change `org.apache.commons.logging.Log.debug(Object)` to `org.slf4j.Logger.debug(String)` for api incompatibility.

**Step 4:** (7af274b3e89da963691272335256004ebf9f1b83)

handle a special case in `DelegationTokenRenewer`: change `LOG.debug(ie.getStackTrace())` to `LOG.debug("Exception in removeRenewAction: ", ie)`

**Step 5:** (7af274b3e89da963691272335256004ebf9f1b83)

handle a special case in `AbstractService`: change `LOG.debug("noteFailure " + exception, null)` to `LOG.debug("noteFailure " + exception, (Throwable) null)`

**Step 6:** (4ce2b824e77590407f77f326f16c39175aceccbf)

change `IOUtils.cleanup` to `IOUtils.cleanupWithLogger`

**Step 7:** (d82797fb88dbea12ffa0db926b894cc9123e444f)

revert `FileSystem.LOG` for it's referenced by hadoop-yarn

**Step 8:** (f0ffa503fb135d84e542ecea80cb3d6224983cd3)

change `SignalLogger.INSTANCE.register(LOG)` to `SignalLogger.INSTANCE.register(LogAdapter.create(LOG))`

▼  [ASF GitHub Bot](#) added a comment - 10/Jul/17 04:35


Github user aajisaka commented on a diff in the pull request:

[https://github.com/apache/hadoop/pull/246#discussion\\_r126333782](https://github.com/apache/hadoop/pull/246#discussion_r126333782)


— Diff: hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/security/SecurityUtil.java —  
@@ -53,6 +51,8 @@

//this will need to be replaced someday when there is a suitable replacement  
+import org.slf4j.Logger;  
— End diff —

Would you move the new imports above the comment "this will need to ...."?

▼  [Akira Ajisaka](#) added a comment - 10/Jul/17 04:51

Mostly looks good to me. I commented one minor nit in the GitHub PR. Let me see the result of the precommit job.

▼  [ASF GitHub Bot](#) added a comment - 10/Jul/17 05:28

Github user wenxinhe commented on a diff in the pull request:

[https://github.com/apache/hadoop/pull/246#discussion\\_r126337274](https://github.com/apache/hadoop/pull/246#discussion_r126337274)

— Diff: hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/security/SecurityUtil.java —  
@@ -53,6 +51,8 @@

```
//this will need to be replaced someday when there is a suitable replacement
+import org.slf4j.Logger;
- End diff -
```

OK, fix it in d04928e.

Wenxin He added a comment - 10/Jul/17 05:38

I commented one minor nit in the GitHub PR.

Thanks, I've fixed it.

Let me see the result of the precommit job.

I found a test failure caused by this patch and filed a separate issue [HADOOP-14638](#) to fix it. Would you please to review this [HADOOP-14638](#) first?

Hadoop QA added a comment - 10/Jul/17 07:09

✖


-1 overall

Vote	Subsystem	Runtime	Comment
0	reexec	0m 12s	Docker mode activated.
			Prechecks
+1	@author	0m 0s	The patch does not contain any @author tags.
+1	test4tests	0m 0s	The patch appears to include 85 new or modified test files.
			trunk Compile Tests
0	mvndep	0m 14s	Maven dependency ordering for branch
+1	mvninstall	14m 43s	trunk passed
+1	compile	15m 22s	trunk passed
+1	checkstyle	1m 38s	trunk passed
+1	mvnsite	2m 0s	trunk passed
+1	findbugs	2m 4s	trunk passed
+1	javadoc	1m 9s	trunk passed
			Patch Compile Tests
0	mvndep	0m 8s	Maven dependency ordering for patch
+1	mvninstall	1m 0s	the patch passed
+1	compile	11m 16s	the patch passed
-1	javac	11m 16s	root generated 9 new + 1306 unchanged - 53 fixed = 1315 total (was 1359)
-0	checkstyle	1m 51s	hadoop-common-project: The patch generated 102 new + 5122 unchanged - 60 fixed = 5224 total (was 5182)
+1	mvnsite	1m 50s	the patch passed
+1	whitespace	0m 0s	The patch has no whitespace issues.
+1	findbugs	2m 7s	the patch passed
+1	javadoc	1m 10s	the patch passed
			Other Tests
-1	unit	7m 56s	hadoop-common in the patch failed.
+1	unit	0m 30s	hadoop-nfs in the patch passed.
+1	asflicense	0m 34s	The patch does not generate ASF License warnings.
		70m 31s	

Reason	Tests
Failed junit tests	hadoop.security.TestRaceWhenRelogin
	hadoop.ha.TestShellCommandFencer
	hadoop.security.TestShellBasedUnixGroupsMapping
	hadoop.security.TestKDiag


Subsystem	Report/Notes
Docker	Image:yetus/hadoop:14b5c93
JIRA Issue	<a href="#">HADOOP-14539</a>
GITHUB PR	<a href="https://github.com/apache/hadoop/pull/246">https://github.com/apache/hadoop/pull/246</a>
Optional Tests	asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle
uname	Linux d6ba273edbb9 3.13.0-117-generic #164-Ubuntu SMP Fri Apr 7 11:05:26 UTC 2017 x86_64 x86_64 x86_64 GNU/Linux
Build tool	maven
Personality	/testptch/hadoop/patchprocess/precommit/personality/provided.sh
git revision	trunk / 3de47ab
Default Java	1.8.0_131
findbugs	v3.1.0-RC1
javac	<a href="https://builds.apache.org/job/PreCommit-HADOOP-Build/12751/artifact/patchprocess/diff-compile-javac-root.txt">https://builds.apache.org/job/PreCommit-HADOOP-Build/12751/artifact/patchprocess/diff-compile-javac-root.txt</a>
checkstyle	<a href="https://builds.apache.org/job/PreCommit-HADOOP-Build/12751/artifact/patchprocess/diff-checkstyle-hadoop-common-project.txt">https://builds.apache.org/job/PreCommit-HADOOP-Build/12751/artifact/patchprocess/diff-checkstyle-hadoop-common-project.txt</a>
unit	<a href="https://builds.apache.org/job/PreCommit-HADOOP-Build/12751/artifact/patchprocess/patch-unit-hadoop-common-project_hadoop-common.txt">https://builds.apache.org/job/PreCommit-HADOOP-Build/12751/artifact/patchprocess/patch-unit-hadoop-common-project_hadoop-common.txt</a>
Test Results	<a href="https://builds.apache.org/job/PreCommit-HADOOP-Build/12751/testReport/">https://builds.apache.org/job/PreCommit-HADOOP-Build/12751/testReport/</a>
modules	C: hadoop-common-project/hadoop-common hadoop-common-project/hadoop-nfs U: hadoop-common-project
Console output	<a href="https://builds.apache.org/job/PreCommit-HADOOP-Build/12751/console">https://builds.apache.org/job/PreCommit-HADOOP-Build/12751/console</a>
Powered by	Apache Yetus 0.6.0-SNAPSHOT <a href="http://yetus.apache.org">http://yetus.apache.org</a>

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▼  **Wenxin He** added a comment - 11/Jul/17 06:48

002.patch:

1. revert StreamPumper and related codes that are fixed in separate issue [HADOOP-14638](#).
2. fix checkstyle issues: Indentation, LineLength.
3. fix checkstyle issues: StaticVariableName.
  1. add final modifier to LOG to make them real constant.
  2. leave LOG in ShellCommandFencer unchanged for it's reassigned in tests.
4. fix checkstyle issues: MemberName.
  1. add static modifier to LOG.
  2. leave LOG in AbstractGangliaSink, GangliaSink30 and GangliaSink31 unchanged for they're real instance member.
5. fix checkstyle issues: RedundantModifier, ConstantName.


▼  **Hadoop QA** added a comment - 11/Jul/17 06:58

 **-1 overall**

Vote	Subsystem	Runtime	Comment
0	reexec	0m 0s	Docker mode activated.
-1	patch	0m 6s	<del>HADOOP-14539</del> does not apply to trunk. Rebase required? Wrong Branch? See <a href="https://wiki.apache.org/hadoop/HowToContribute">https://wiki.apache.org/hadoop/HowToContribute</a> for help.


Subsystem	Report/Notes
JIRA Issue	<del>HADOOP-14539</del>
GITHUB PR	<a href="https://github.com/apache/hadoop/pull/246">https://github.com/apache/hadoop/pull/246</a>
Console output	<a href="https://builds.apache.org/job/PreCommit-HADOOP-Build/12759/console">https://builds.apache.org/job/PreCommit-HADOOP-Build/12759/console</a>
Powered by	Apache Yetus 0.6.0-SNAPSHOT <a href="http://yetus.apache.org">http://yetus.apache.org</a>

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▼  Wenxin He added a comment - 11/Jul/17 08:12

003.patch:

rebase and skip the commit that fixed in ~~HADOOP-14638~~.

▼  Hadoop QA added a comment - 11/Jul/17 09:24

 -1 overall


Vote	Subsystem	Runtime	Comment
0	reexec	0m 13s	Docker mode activated.
Prechecks			
+1	@author	0m 0s	The patch does not contain any @author tags.
+1	test4tests	0m 0s	The patch appears to include 85 new or modified test files.
trunk Compile Tests			
0	mvndep	0m 15s	Maven dependency ordering for branch
+1	mvninstall	13m 4s	trunk passed
+1	compile	13m 51s	trunk passed
+1	checkstyle	1m 48s	trunk passed
+1	mvnsite	1m 49s	trunk passed
+1	findbugs	1m 50s	trunk passed
+1	javadoc	1m 10s	trunk passed
Patch Compile Tests			
0	mvndep	0m 8s	Maven dependency ordering for patch
+1	mvninstall	0m 53s	the patch passed
+1	compile	10m 7s	the patch passed
-1	javac	10m 7s	root generated 9 new + 1306 unchanged - 52 fixed = 1315 total (was 1358)
-0	checkstyle	1m 49s	hadoop-common-project: The patch generated 7 new + 5116 unchanged - 59 fixed = 5123 total (was 5175)
+1	mvnsite	1m 48s	the patch passed
+1	whitespace	0m 0s	The patch has no whitespace issues.
+1	findbugs	2m 7s	the patch passed
+1	javadoc	1m 11s	the patch passed
Other Tests			
-1	unit	7m 57s	hadoop-common in the patch failed.

+1	unit	0m 31s	hadoop-nfs in the patch passed.
+1	asflicense	0m 34s	The patch does not generate ASF License warnings.
		65m 52s	

Reason	Tests
Failed junit tests	hadoop.security.TestKDiag

Subsystem	Report/Notes
Docker	Image:yetus/hadoop:14b5c93
JIRA Issue	<a href="#">HADOOP-14539</a>
GITHUB PR	<a href="https://github.com/apache/hadoop/pull/246">https://github.com/apache/hadoop/pull/246</a>
Optional Tests	asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle
uname	Linux 2d4ad5959441 3.13.0-117-generic #164-Ubuntu SMP Fri Apr 7 11:05:26 UTC 2017 x86_64 x86_64 x86_64 GNU/Linux
Build tool	maven
Personality	/testptch/hadoop/patchprocess/precommit/personality/provided.sh
git revision	trunk / fce7951
Default Java	1.8.0_131
findbugs	v3.1.0-RC1
javac	<a href="https://builds.apache.org/job/PreCommit-HADOOP-Build/12760/artifact/patchprocess/diff-compile-javac-root.txt">https://builds.apache.org/job/PreCommit-HADOOP-Build/12760/artifact/patchprocess/diff-compile-javac-root.txt</a>
checkstyle	<a href="https://builds.apache.org/job/PreCommit-HADOOP-Build/12760/artifact/patchprocess/diff-checkstyle-hadoop-common-project.txt">https://builds.apache.org/job/PreCommit-HADOOP-Build/12760/artifact/patchprocess/diff-checkstyle-hadoop-common-project.txt</a>
unit	<a href="https://builds.apache.org/job/PreCommit-HADOOP-Build/12760/artifact/patchprocess/patch-unit-hadoop-common-project_hadoop-common.txt">https://builds.apache.org/job/PreCommit-HADOOP-Build/12760/artifact/patchprocess/patch-unit-hadoop-common-project_hadoop-common.txt</a>
Test Results	<a href="https://builds.apache.org/job/PreCommit-HADOOP-Build/12760/testReport/">https://builds.apache.org/job/PreCommit-HADOOP-Build/12760/testReport/</a>
modules	C: hadoop-common-project/hadoop-common hadoop-common-project/hadoop-nfs U: hadoop-common-project
Console output	<a href="https://builds.apache.org/job/PreCommit-HADOOP-Build/12760/console">https://builds.apache.org/job/PreCommit-HADOOP-Build/12760/console</a>
Powered by	Apache Yetus 0.6.0-SNAPSHOT <a href="http://yetus.apache.org">http://yetus.apache.org</a>

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▼  Wenxin He added a comment - 11/Jul/17 09:57

-1 javac 10m 7s root generated 9 new + 1306 unchanged - 52 fixed = 1315 total (was 1358)


9 new javac warnings are in hadoop-hdfs and caused by deprecated method setLogLevel(Logger,Level)

-0 checkstyle 1m 49s hadoop-common-project: The patch generated 7 new + 5116 unchanged - 59 fixed = 5123 total (was 5175)

7 new checkstyle issues leave unchanged intentionally.

-1 unit 7m 57s hadoop-common in the patch failed.


3 test failures are unrelated.

▼  Akira Ajisaka added a comment - 15/Jul/17 14:43

I ran all the tests and some HDFS tests (TestLazyPersistReplicaRecovery, TestHAApPEND, TestFSImage) failed by NoSuchFieldError:

```
Running org.apache.hadoop.hdfs.server.datanode.fsdataset.impl.TestLazyPersistReplicaRecovery
Tests run: 2, Failures: 0, Errors: 2, Skipped: 0, Time elapsed: 2.663 sec <<< FAILURE! - in org.apache.hadoop.hdfs.server.
testDnRestartWithSavedReplicas(org.apache.hadoop.hdfs.server.datanode.fsdataset.impl.TestLazyPersistReplicaRecovery) Time
java.lang.NoSuchFieldError: LOG
    at org.apache.hadoop.util.LightWeightGSet.computeCapacity(LightWeightGSet.java:395)
    at org.apache.hadoop.util.LightWeightGSet.computeCapacity(LightWeightGSet.java:362)
    at org.apache.hadoop.hdfs.server.blockmanagement.BlockManager.<init>(BlockManager.java:442)
    at org.apache.hadoop.hdfs.server.namenode.FSNamesystem.<init>(FSNamesystem.java:778)
    at org.apache.hadoop.hdfs.server.namenode.FSNamesystem.<init>(FSNamesystem.java:718)
    at org.apache.hadoop.hdfs.server.namenode.NameNode.format(NameNode.java:1146)
    at org.apache.hadoop.hdfs.server.namenode.NameNode.format(NameNode.java:401)
    at org.apache.hadoop.hdfs.DFSTestUtil.formatNameNode(DFSTestUtil.java:243)
    at org.apache.hadoop.hdfs.MinidFScluster.configureNameService(MinidFScluster.java:1029)
    at org.apache.hadoop.hdfs.MinidFScluster.createNameNodesAndSetConf(MinidFScluster.java:915)
    at org.apache.hadoop.hdfs.MinidFScluster.initMinidFScluster(MinidFScluster.java:847)
    at org.apache.hadoop.hdfs.MinidFScluster.<init>(MinidFScluster.java:491)
    at org.apache.hadoop.hdfs.MinidFScluster$Builder.build(MinidFScluster.java:450)
    at org.apache.hadoop.hdfs.server.datanode.fsdataset.impl.LazyPersistTestCase.startUpCluster(LazyPersistTestCase.ja
    at org.apache.hadoop.hdfs.server.datanode.fsdataset.impl.LazyPersistTestCase$ClusterWithRamDiskBuilder.build(LazyP
    at org.apache.hadoop.hdfs.server.datanode.fsdataset.impl.TestLazyPersistReplicaRecovery.testDnRestartWithSavedRepl
```

This failure is related to the change. Would you fix this?

▼  Wenxin He added a comment - 17/Jul/17 03:43

Thanks for running all tests, [ajisakaa](#).

I tried to rerun these failed tests, but did not find the same NoSuchFieldError.

Also, I checked the code, found LOG in LightWeightGSet.computeCapacity(LightWeightGSet.java:395) is OK. It is declared in org.apache.hadoop.util.GSet.

Did I miss something?

The following is how I ran the tests:

1. checkout the latest trunk

```
commit 02b141ac6059323ec43e472ca36dc570fdca386f
Author: Anu Engineer <aengineer@apache.org>
Date: Sun Jul 16 10:59:34 2017 -0700
```

HDFS-11786. Add support to make copyFromLocal multi threaded. Contributed by Mukul Kumar Singh.

2. compile and run the specified tests

```
mvn clean install -DskipTests -Dmaven.javadoc.skip=true
mvn -f hadoop-hdfs-project/hadoop-hdfs/pom.xml test -Dtest=TestLazyPersistReplicaRecovery,TestHAAAppend,TestFSImage -
```

Three tests failed which maybe caused by my environment:

```
-----
T E S T S
-----
```

```
-----
T E S T S
-----
```

```
Running org.apache.hadoop.hdfs.server.datanode.fsdataset.impl.TestLazyPersistReplicaRecovery
Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 20.112 sec - in
```

```
org.apache.hadoop.hdfs.server.datanode.fsdataset.impl.TestLazyPersistReplicaRecovery
Running org.apache.hadoop.hdfs.server.namenode.TestFSImage
Tests run: 14, Failures: 0, Errors: 3, Skipped: 0, Time elapsed: 65.195 sec <<< FAILURE! - in
```

```
org.apache.hadoop.hdfs.server.namenode.TestFSImage
testHasNonEcBlockUsingStripedIDForLoadUCFile(org.apache.hadoop.hdfs.server.namenode.TestFSImage) Time elapsed: 3.34
sec <<< ERROR!
java.lang.IllegalStateException: failed to create a child event loop
    at sun.nio.ch.EPollArrayWrapper.epollCreate(Native Method)
    at sun.nio.ch.EPollArrayWrapper.<init>(EPollArrayWrapper.java:130)
    at sun.nio.ch.EPollSelectorImpl.<init>(EPollSelectorImpl.java:69)
    at sun.nio.ch.EPollSelectorProvider.openSelector(EPollSelectorProvider.java:36)
```

3. then, apply the patch, recompile and run the specified tests, the result is the same as before patched(the three test failures):




```
git am HADOOP-14539.003.patch
mvn clean install -DskipTests -Dmaven.javadoc.skip=true
mvn -f hadoop-hdfs-project/hadoop-hdfs/pom.xml test -Dtest=TestLazyPersistReplicaRecovery,TestHAAAppend,TestFSImage -
```

```
-----
T E S T S
-----
```

```
-----
T E S T S
-----
```

```
Running org.apache.hadoop.hdfs.server.datanode.fsdataset.impl.TestLazyPersistReplicaRecovery
Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 19.407 sec - in org.apache.hadoop.hdfs.server.datanode
Running org.apache.hadoop.hdfs.server.namenode.TestFSImage
Tests run: 14, Failures: 0, Errors: 3, Skipped: 0, Time elapsed: 58.457 sec <<< FAILURE! - in org.apache.hadoop.hdfs
testHasNonEcBlockUsingStripedIDForLoadUCFile(org.apache.hadoop.hdfs.server.namenode.TestFSImage) Time elapsed: 1.47
org.apache.hadoop.util.DiskChecker$DiskErrorException: Too many failed volumes - current valid volumes: 1, volumes c
    at org.apache.hadoop.hdfs.server.datanode.checker.StorageLocationChecker.check(StorageLocationChecker.java:2
    at org.apache.hadoop.hdfs.server.datanode.DataNode.makeInstance(DataNode.java:2745)
    at org.apache.hadoop.hdfs.server.datanode.DataNode.instantiateDataNode(DataNode.java:2655)
    at org.apache.hadoop.hdfs.MinidFSCluster.startDataNodes(MinidFSCluster.java:1621)
    at org.apache.hadoop.hdfs.MinidFSCluster.initMinidFSCluster(MinidFSCluster.java:868)
    at org.apache.hadoop.hdfs.MinidFSCluster.<init>(MinidFSCluster.java:491)
    at org.apache.hadoop.hdfs.MinidFSCluster$Builder.build(MinidFSCluster.java:450)
    at org.apache.hadoop.hdfs.server.namenode.TestFSImage.testHasNonEcBlockUsingStripedIDForLoadUCFile(TestFSIma


testSupportBlockGroup(org.apache.hadoop.hdfs.server.namenode.TestFSImage) Time elapsed: 4.068 sec <<< ERROR!
```

▼  Akira Ajisaka added a comment - 18/Jul/17 04:30

Thanks [vincent he](#)! Sorry I was wrong and I missed something. I ran all the failed tests again with/without your patch and the following three tests failed regardless of the patch.

- TestFSImage
- TestContainerManagerSecurity
- TestMRJobs

Now I'm +1 for your patch. Checking this in.

▼  Akira Ajisaka added a comment - 18/Jul/17 04:35

Committed this to trunk. Hi [vincent he](#), would you create a patch for branch-2?

▼  Hudson added a comment - 18/Jul/17 04:58

SUCCESS: Integrated in Jenkins build Hadoop-trunk-Commit #12023 (See <https://builds.apache.org/job/Hadoop-trunk-Commit/12023/>)

[HADOOP-14539](#). Move commons logging APIs over to slf4j in hadoop-common. (aajisaka: rev ccaf036662e22da14583942054898c99fa51dae5)

- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/crypto/OpensslCipher.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/ha/ActiveStandbyElectorTestUtil.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/security/LdapGroupsMapping.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/ipc/Client.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/security/JniBasedUnixGroupsNetgroupMappingWithFallback.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/http/TestServletFilter.java
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- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestDNS.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/ipc/RPC.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/io/compress/snappy/SnappyDecompressor.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/io/FastByteComparisons.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/io/TestSequenceFile.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/ipc/ProtobufRpcEngine.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/io/UTF8.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/util/NativeCodeLoader.java
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- (edit) hadoop-common-project/hadoop-nfs/src/main/java/org/apache/hadoop/oncrpc/SimpleUdpServer.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/security/http/CrossOriginFilter.java

- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/util/TestWinUtils.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/ipc/metrics/RpcMetrics.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/metrics2/impl/TestMetricsConfig.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/fs/Trash.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/util/TestClasspath.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/fs/loadGenerator/LoadGenerator.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/metrics2/lib/TestMutableMetrics.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/metrics2/util/TestMetricsCache.java
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- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/io/compress/zlib/ZlibCompressor.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/util/concurrent/AsyncGetFuture.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/util/TestFindClass.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/unix/TestDomainSocketWatcher.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/util/concurrent/HadoopScheduledThreadPoolExecutor.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/fs/DelegationTokenRenewer.java
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- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestSocketIOWithTimeout.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/ha/TestHAdmin.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/io/compress/TestCodec.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/jmx/JMXJsonServlet.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/io/compress/snappy/SnappyCompressor.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/io/compress/CompressionCodecFactory.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/test/MetricsAsserts.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/util/ThreadUtil.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/ipc/metrics/RpcDetailedMetrics.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/ScriptBasedMapping.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/util/GenericOptionsParser.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/security/ShellBasedIdMapping.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/tracing/TracerConfigurationManager.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/ha/FailoverController.java
- (edit) hadoop-common-project/hadoop-nfs/src/main/java/org/apache/hadoop/portmap/Portmap.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/fs/TrashPolicyDefault.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/io/BloomMapFile.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/test/MultithreadedTestUtil.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/crypto/random/OsSecureRandom.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/util/TestAsyncDiskService.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/ipc/FairCallQueue.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/metrics2/sink/GraphiteSink.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/metrics2/impl/TestSinkQueue.java
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- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/TestNetUtils.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/util/TestLightWeightGSet.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/http/TestHttpServerWebapps.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/util/NodeHealthScriptRunner.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/security/alias/AbstractJavaKeyStoreProvider.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/io/file/tfile/BCFile.java
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- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/http/lib/StaticUserWebFilter.java
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- (edit) hadoop-common-project/hadoop-nfs/src/main/java/org/apache/hadoop/mount/MountdBase.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/security/SaslInputStream.java
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- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/util/CombinedIPWhiteList.java
- (edit) hadoop-common-project/hadoop-nfs/src/main/java/org/apache/hadoop/portmap/RpcProgramPortmap.java
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- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/conf/ReconfigurationServlet.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/util/IntrusiveCollection.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/ipc/TestRPCServerShutdown.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/security/authorize/ServiceAuthorizationManager.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/fs/FsShell.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/io/SequenceFile.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/util/HostsFileReader.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/ha/HAAAdmin.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/metrics2/lib/MutableRatesWithAggregation.java
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- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/io/nativeio/SharedFileDescriptorFactory.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/fs/TestFsShellCopy.java
- (edit) hadoop-common-project/hadoop-nfs/src/main/java/org/apache/hadoop/nfs/nfs3/FileHandle.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/security/token/Token.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/DNS.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/service/ServiceOperations.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/ipc/TestIPC.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/security/HttpCrossOriginFilterInitializer.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/fs/TestFileStatus.java
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- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/security/authorize/TestProxyUsers.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/http/TestHttpServerLogs.java
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- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/fs/FsShellPermissions.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/http/TestSSLHttpServer.java
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- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/crypto/CryptoStreamsTestBase.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/ha/TestHealthMonitor.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/metrics2/lib/MethodMetric.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/util/AsyncDiskService.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/test/TestJUnitSetup.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/ipc/RefreshRegistry.java
- (edit) hadoop-common-project/hadoop-nfs/src/main/java/org/apache/hadoop/nfs/nfs3/Nfs3Base.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/metrics2/impl/TestGangliaMetrics.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/unix/TestDomainSocket.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/util/SysInfoLinux.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/util/ApplicationClassLoader.java
- (edit) hadoop-common-project/hadoop-nfs/src/main/java/org/apache/hadoop/nfs/NfsExports.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/util/TestSignalLogger.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/http/TestHttpServerWithSpengo.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/io/compress/bzip2/Bzip2Compressor.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/fs/TestFileContext.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/fs/ChecksumFs.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/fs/FileUtil.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/fs/sftp/SFTPConnectionPool.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/ipc/RetryCache.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/service/LoggingStateChangeListener.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/security/token/DtFileOperations.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/http/HttpServer2.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/fs/TestFsShellReturnCode.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/fs/FileContext.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/util/TestIdentityHashStore.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/security/ssl/ReloadingX509TrustManager.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/http/resource/JerseyResource.java
- (edit) hadoop-common-project/hadoop-nfs/src/main/java/org/apache/hadoop/oncrpc/RpcCall.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/io/MapFile.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/io/IOUtils.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/io/file/tfile/TFile.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/fs/TestFileUtil.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/metrics2/lib/MutableRates.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/security/ShellBasedUnixGroupsNetgroupMapping.java
- (edit) hadoop-common-project/hadoop-nfs/src/main/java/org/apache/hadoop/oncrpc/security/Credentials.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/metrics2/impl/MetricsSystemImpl.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/security/Credentials.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/io/retry/RetryPolicies.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/metrics2/sink/ganglia/GangliaSink30.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/metrics2/impl/MetricsSourceAdapter.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/metrics2/impl/MetricsSinkAdapter.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/ha/ActiveStandbyElector.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/security/token/DtUtilShell.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/ipc/TestServer.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/service/TestServiceLifecycle.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/ha/ZKFailoverController.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/net/SocketIOWithTimeout.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/metrics2/sink/ganglia/AbstractGangliaSink.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/io/erasurecode/CodecUtil.java

- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/fs/FCStatisticsBaseTest.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/io/compress/lz4/Lz4Compressor.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/fs/LocalDirAllocator.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/security/TestGroupsCaching.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/security/TestDoAsEffectiveUser.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/ipc/Server.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/security/TestShellBasedUnixGroupsMapping.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/service/CompositeService.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/io/compress/lz4/Lz4Decompressor.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/ha/HealthMonitor.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/ipc/CallQueueManager.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/io/TestDefaultStringifier.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/util/TestLightWeightResizableGSet.java
- (edit) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/security/ssl/FileBasedKeyStoresFactory.java
- (edit) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/net/ServerSocketUtil.java

---


▼  Wenxin He added a comment - 19/Jul/17 02:40

Thanks, [ajisakaa](#).

would you create a patch for branch-2?

OK, I am testing the branch-2 patch and will upload later.


---

▼  ASF GitHub Bot added a comment - 19/Jul/17 05:54

Github user wenxinhe closed the pull request at:

<https://github.com/apache/hadoop/pull/246>

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▼  ASF GitHub Bot added a comment - 19/Jul/17 05:56

GitHub user wenxinhe opened a pull request:

<https://github.com/apache/hadoop/pull/251>

[HADOOP-14539](#). Move commons logging APIs over to slf4j in hadoop-common.

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

\$ git pull <https://github.com/wenxinhe/hadoop> [HADOOP-14539](#).hadoop-common.logging-branch-2

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

<https://github.com/apache/hadoop/pull/251.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 #251

---


commit 53ee0fb11919169d952e1393d4f0749fd2771561

Author: wenxinhe <wenxin.he@gmail.com>

Date: 2017-07-18T11:06:25Z

[HADOOP-14539](#). Move commons logging APIs over to slf4j in hadoop-common.

---


▼  Wenxin He added a comment - 19/Jul/17 06:12

patch for branch-2 upload:

Move commons logging APIs over to slf4j in hadoop-common in branch-2 and fix some checkstyle warnings.

PS: checkstyle report attached to explain why some extra changes are made. [diff-checkstyle-hadoop-common-project.txt](#)

---

▼  Hadoop QA added a comment - 19/Jul/17 07:28

 -1 overall

Vote	Subsystem	Runtime	Comment
0	reexec	0m 15s	Docker mode activated.
<b>Prechecks</b>			
+1	@author	0m 0s	The patch does not contain any @author tags.
+1	test4tests	0m 0s	The patch appears to include 81 new or modified test files.
<b>branch-2 Compile Tests</b>			
0	mvndep	0m 22s	Maven dependency ordering for branch
+1	mvninstall	6m 33s	branch-2 passed
+1	compile	5m 41s	branch-2 passed with JDK v1.8.0_131
+1	compile	6m 39s	branch-2 passed with JDK v1.7.0_131
+1	checkstyle	1m 41s	branch-2 passed
+1	mvnsite	1m 18s	branch-2 passed
+1	findbugs	2m 8s	branch-2 passed
+1	javadoc	0m 55s	branch-2 passed with JDK v1.8.0_131
+1	javadoc	1m 6s	branch-2 passed with JDK v1.7.0_131
<b>Patch Compile Tests</b>			
0	mvndep	0m 9s	Maven dependency ordering for patch
+1	mvninstall	0m 55s	the patch passed
+1	compile	5m 35s	the patch passed with JDK v1.8.0_131
-1	javac	5m 35s	root-jdk1.8.0_131 with JDK v1.8.0_131 generated 15 new + 1369 unchanged - 57 fixed = 1384 total (was 1426)
+1	compile	6m 41s	the patch passed with JDK v1.7.0_131
-1	javac	6m 41s	root-jdk1.7.0_131 with JDK v1.7.0_131 generated 15 new + 1464 unchanged - 57 fixed = 1479 total (was 1521)
-0	checkstyle	1m 41s	hadoop-common-project: The patch generated 9 new + 5175 unchanged - 69 fixed = 5184 total (was 5244)
+1	mvnsite	1m 18s	the patch passed
+1	whitespace	0m 0s	The patch has no whitespace issues.
-1	findbugs	1m 58s	hadoop-common-project/hadoop-common generated 1 new + 0 unchanged - 0 fixed = 1 total (was 0)
+1	javadoc	0m 56s	the patch passed with JDK v1.8.0_131
+1	javadoc	1m 5s	the patch passed with JDK v1.7.0_131
<b>Other Tests</b>			
+1	unit	8m 22s	hadoop-common in the patch passed with JDK v1.7.0_131.
+1	unit	0m 25s	hadoop-nfs in the patch passed with JDK v1.7.0_131.
+1	asflicense	0m 23s	The patch does not generate ASF License warnings.
		70m 22s	

Reason	Tests
FindBugs	module:hadoop-common-project/hadoop-common
	Invocation of toString on Throwable.getStackTrace() in org.apache.hadoop.fs.DelegationTokenRenewer.removeRenewAction(FileSystem) At DelegationTokenRenewer.java:in org.apache.hadoop.fs.DelegationTokenRenewer.removeRenewAction(FileSystem) At DelegationTokenRenewer.java:[line 246]




JDK v1.8.0_131 Failed junit tests	hadoop.fs.sftp.TestSFTPFileSystem
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Subsystem	Report/Notes
Docker	Image:yetus/hadoop:5e40efe
JIRA Issue	<a href="#">HADOOP-14539</a>
GITHUB PR	<a href="https://github.com/apache/hadoop/pull/251">https://github.com/apache/hadoop/pull/251</a>
Optional Tests	asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle
uname	Linux 2778f8d9de22 3.13.0-117-generic #164-Ubuntu SMP Fri Apr 7 11:05:26 UTC 2017 x86_64 x86_64 x86_64 GNU/Linux
Build tool	maven
Personality	/testptch/hadoop/patchprocess/precommit/personality/provided.sh
git revision	branch-2 / f806e86
Default Java	1.7.0_131
Multi-JDK versions	/usr/lib/jvm/java-8-oracle:1.8.0_131 /usr/lib/jvm/java-7-openjdk-amd64:1.7.0_131
findbugs	v3.0.0
javac	<a href="https://builds.apache.org/job/PreCommit-HADOOP-Build/12818/artifact/patchprocess/diff-compile-javac-root-jdk1.8.0_131.txt">https://builds.apache.org/job/PreCommit-HADOOP-Build/12818/artifact/patchprocess/diff-compile-javac-root-jdk1.8.0_131.txt</a>
javac	<a href="https://builds.apache.org/job/PreCommit-HADOOP-Build/12818/artifact/patchprocess/diff-compile-javac-root-jdk1.7.0_131.txt">https://builds.apache.org/job/PreCommit-HADOOP-Build/12818/artifact/patchprocess/diff-compile-javac-root-jdk1.7.0_131.txt</a>
checkstyle	<a href="https://builds.apache.org/job/PreCommit-HADOOP-Build/12818/artifact/patchprocess/diff-checkstyle-hadoop-common-project.txt">https://builds.apache.org/job/PreCommit-HADOOP-Build/12818/artifact/patchprocess/diff-checkstyle-hadoop-common-project.txt</a>
findbugs	<a href="https://builds.apache.org/job/PreCommit-HADOOP-Build/12818/artifact/patchprocess/new-findbugs-hadoop-common-project_hadoop-common.html">https://builds.apache.org/job/PreCommit-HADOOP-Build/12818/artifact/patchprocess/new-findbugs-hadoop-common-project_hadoop-common.html</a>
JDK v1.7.0_131 Test Results	<a href="https://builds.apache.org/job/PreCommit-HADOOP-Build/12818/testReport/">https://builds.apache.org/job/PreCommit-HADOOP-Build/12818/testReport/</a>
modules	C: hadoop-common-project/hadoop-common hadoop-common-project/hadoop-nfs U: hadoop-common-project
Console output	<a href="https://builds.apache.org/job/PreCommit-HADOOP-Build/12818/console">https://builds.apache.org/job/PreCommit-HADOOP-Build/12818/console</a>
Powered by	Apache Yetus 0.6.0-SNAPSHOT <a href="http://yetus.apache.org">http://yetus.apache.org</a>

This message was automatically generated.

▼

 **Hadoop QA** added a comment - 19/Jul/17 10:12

 **-1 overall**

Vote	Subsystem	Runtime	Comment
0	reexec	0m 18s	Docker mode activated.
			<b>Prechecks</b>
+1	@author	0m 0s	The patch does not contain any @author tags.
+1	test4tests	0m 0s	The patch appears to include 82 new or modified test files.
			<b>branch-2 Compile Tests</b>
0	mvndep	0m 9s	Maven dependency ordering for branch
+1	mvninstall	7m 1s	branch-2 passed
+1	compile	6m 28s	branch-2 passed with JDK v1.8.0_131
+1	compile	7m 8s	branch-2 passed with JDK v1.7.0_131




+1	checkstyle	1m 29s	branch-2 passed
+1	mvnsize	1m 17s	branch-2 passed
+1	findbugs	2m 9s	branch-2 passed
+1	javadoc	0m 55s	branch-2 passed with JDK v1.8.0_131
+1	javadoc	1m 5s	branch-2 passed with JDK v1.7.0_131
Patch Compile Tests			
0	mvndep	0m 9s	Maven dependency ordering for patch
+1	mvninstall	0m 54s	the patch passed
+1	compile	5m 36s	the patch passed with JDK v1.8.0_131
-1	javac	5m 36s	root-jdk1.8.0_131 with JDK v1.8.0_131 generated 15 new + 1369 unchanged - 57 fixed = 1384 total (was 1426)
+1	compile	6m 41s	the patch passed with JDK v1.7.0_131
-1	javac	6m 41s	root-jdk1.7.0_131 with JDK v1.7.0_131 generated 15 new + 1464 unchanged - 57 fixed = 1479 total (was 1521)
-0	checkstyle	1m 41s	hadoop-common-project: The patch generated 9 new + 5176 unchanged - 69 fixed = 5185 total (was 5245)
+1	mvnsize	1m 18s	the patch passed
+1	whitespace	0m 0s	The patch has no whitespace issues.
+1	findbugs	2m 36s	the patch passed
+1	javadoc	0m 56s	the patch passed with JDK v1.8.0_131
+1	javadoc	1m 7s	the patch passed with JDK v1.7.0_131
Other Tests			
+1	unit	8m 36s	hadoop-common in the patch passed with JDK v1.7.0_131.
+1	unit	0m 27s	hadoop-nfs in the patch passed with JDK v1.7.0_131.
+1	asflicense	0m 23s	The patch does not generate ASF License warnings.
		72m 21s	


Subsystem	Report/Notes
Docker	Image:yetus/hadoop:5e40efe
JIRA Issue	<a href="#">HADOOP-14539</a>
GITHUB PR	<a href="https://github.com/apache/hadoop/pull/251">https://github.com/apache/hadoop/pull/251</a>
Optional Tests	asflicense compile javac javadoc mvninstall mvnsize unit findbugs checkstyle
uname	Linux e67d76e6e9f7 3.13.0-117-generic #164-Ubuntu SMP Fri Apr 7 11:05:26 UTC 2017 x86_64 x86_64 x86_64 GNU/Linux
Build tool	maven
Personality	/testptch/hadoop/patchprocess/precommit/personality/provided.sh
git revision	branch-2 / f806e86
Default Java	1.7.0_131
Multi-JDK versions	/usr/lib/jvm/java-8-oracle:1.8.0_131 /usr/lib/jvm/java-7-openjdk-amd64:1.7.0_131
findbugs	v3.0.0
javac	<a href="https://builds.apache.org/job/PreCommit-HADOOP-Build/12820/artifact/patchprocess/diff-compile-javac-root-jdk1.8.0_131.txt">https://builds.apache.org/job/PreCommit-HADOOP-Build/12820/artifact/patchprocess/diff-compile-javac-root-jdk1.8.0_131.txt</a>
javac	<a href="https://builds.apache.org/job/PreCommit-HADOOP-Build/12820/artifact/patchprocess/diff-compile-javac-root-jdk1.7.0_131.txt">https://builds.apache.org/job/PreCommit-HADOOP-Build/12820/artifact/patchprocess/diff-compile-javac-root-jdk1.7.0_131.txt</a>
checkstyle	<a href="https://builds.apache.org/job/PreCommit-HADOOP-Build/12820/artifact/patchprocess/diff-checkstyle-hadoop-common-project.txt">https://builds.apache.org/job/PreCommit-HADOOP-Build/12820/artifact/patchprocess/diff-checkstyle-hadoop-common-project.txt</a>

JDK v1.7.0_131 Test Results	<a href="https://builds.apache.org/job/PreCommit-HADOOP-Build/12820/testReport/">https://builds.apache.org/job/PreCommit-HADOOP-Build/12820/testReport/</a>
modules	C: hadoop-common-project/hadoop-common hadoop-common-project/hadoop-nfs U: hadoop-common-project
Console output	<a href="https://builds.apache.org/job/PreCommit-HADOOP-Build/12820/console">https://builds.apache.org/job/PreCommit-HADOOP-Build/12820/console</a>
Powered by	Apache Yetus 0.6.0-SNAPSHOT <a href="http://yetus.apache.org">http://yetus.apache.org</a>

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▼  **Wenxin He** added a comment - 19/Jul/17 12:57

Hi [ajisakaa](#), a patch for branch-2 is ready. Please review, thanks.


▼  **Akira Ajisaka** added a comment - 24/Jul/17 02:15

+1, committed. Thank you very much, [vincent he](#)!

▼  **ASF GitHub Bot** added a comment - 24/Jul/17 05:19

Github user wenxinhe closed the pull request at:


<https://github.com/apache/hadoop/pull/251>

▼  **Wenxin He** added a comment - 24/Jul/17 05:21

Thanks for your review and commit, [ajisakaa](#). It's my pleasure. 😊

▼  **Sean Busbey** added a comment - 11/Sep/17 17:04


I think this should be flagged as an incompatible change due to changing the type of some public members on IA.Public classes. any objections?

▼  **Akira Ajisaka** added a comment - 12/Sep/17 08:35

Agreed with flagging as an incompatible change.

#### ▼ People

Assignee:

 **Wenxin He**

Reporter:

 **Akira Ajisaka**

Votes:

 0 Vote for this issue

Watchers:

 10 Start watching this issue

#### ▼ Dates

Created:

19/Jun/17 04:05

Updated:

08/Aug/19 13:22

Resolved:

24/Jul/17 02:15