



Cleanup HDFS logs and reduce the size of logged messages

Details

Type:	Bug	Status:	CLOSED
Priority:	Major	Resolution:	Fixed
Affects Version/s:	1.0.0, 2.0.0-alpha	Fix Version/s:	1.2.0, 2.0.3-alpha
Component/s:	datanode, hdfs-client, namenode		
Labels:	None		
Hadoop Flags:	Incompatible change, Reviewed		
Release Note:	The change from this jira changes the content of some of the log messages. No log message are removed. Only the content of the log messages is changed to reduce the size. If you have a tool that depends on the exact content of the log, please look at the patch and make appropriate updates to the tool.		

Description

I have attached the patch that removes unnecessary information from the log such as "Namesystem." and prefixing file information with "file" and block information with "block" etc.

On a branch-1 log I saw it reduce the log size by ~10%.

Attachments

log.chatty.cleanup.branch1.patch	84 kB	28/Oct/12 23:51
log.chatty.cleanup.branch1.patch	67 kB	28/Oct/12 22:50
log.chatty.cleanup.branch1.patch	41 kB	27/Oct/12 19:15
log.chatty.cleanup.trunk.patch	56 kB	28/Oct/12 22:39
log.chatty.cleanup.trunk.patch	56 kB	27/Oct/12 20:27
log.chatty.cleanup.trunk.patch	25 kB	27/Oct/12 19:24

Issue Links

breaks

HDFS-4180 TestFileCreation fails in branch-1 but not branch-1.1 CLOSED

is related to

HDFS-4782 backport edit log corruption toleration to branch-1-win RESOLVED

Activity

Suresh Srinivas added a comment - 27/Oct/12 20:27

Additional cleanup

Hadoop QA added a comment - 27/Oct/12 21:03

-1 overall. Here are the results of testing the latest attachment <http://issues.apache.org/jira/secure/attachment/12551093/log.chatty.cleanup.trunk.patch> against trunk revision .

+1 @author. The patch does not contain any @author tags.

-1 tests included. The patch doesn't appear to include any new or modified tests.

Please justify why no new tests are needed for this patch.

Also please list what manual steps were performed to verify this patch.

+1 javac. The applied patch does not increase the total number of javac compiler warnings.

+1 javadoc. The javadoc tool did not generate any warning messages.

+1 eclipse:eclipse. The patch built with eclipse:eclipse.

+1 findbugs. The patch does not introduce any new Findbugs (version 1.3.9) warnings.

+1 release audit. The applied patch does not increase the total number of release audit warnings.


+1 core tests. The patch passed unit tests in hadoop-hdfs-project/hadoop-hdfs.

+1 contrib tests. The patch passed contrib unit tests.

Test results: <https://builds.apache.org/job/PreCommit-HDFS-Build/3408//testReport/>

Console output: <https://builds.apache.org/job/PreCommit-HDFS-Build/3408//console>

This message is automatically generated.

▼  Hadoop QA added a comment - 27/Oct/12 22:06

-1 overall. Here are the results of testing the latest attachment

<http://issues.apache.org/jira/secure/attachment/12551094/log.chatty.cleanup.trunk.patch>
against trunk revision .

+1 @author. The patch does not contain any @author tags.

-1 tests included. The patch doesn't appear to include any new or modified tests.

Please justify why no new tests are needed for this patch.

Also please list what manual steps were performed to verify this patch.

+1 javac. The applied patch does not increase the total number of javac compiler warnings.

+1 javadoc. The javadoc tool did not generate any warning messages.

+1 eclipse:eclipse. The patch built with eclipse:eclipse.

+1 findbugs. The patch does not introduce any new Findbugs (version 1.3.9) warnings.

+1 release audit. The applied patch does not increase the total number of release audit warnings.

+1 core tests. The patch passed unit tests in hadoop-hdfs-project/hadoop-hdfs.

+1 contrib tests. The patch passed contrib unit tests.

Test results: <https://builds.apache.org/job/PreCommit-HDFS-Build/3409//testReport/>

Console output: <https://builds.apache.org/job/PreCommit-HDFS-Build/3409//console>

This message is automatically generated.

▼  Harsh J added a comment - 28/Oct/12 03:50


Tangential, but while you are at this, can we also change the affected or surrounding log lines that go:

```
+ LOG.info("Exception occurred while aborting the client " + ioe);
```


To the more proper:

```
+ LOG.info("Exception occurred while aborting the client", ioe);
```


Such that we also don't lose stacktrace information and get the logger to print exceptions correctly?

▼  Suresh Srinivas added a comment - 28/Oct/12 18:02

@Harsh, I think we should the change you suggested in another jira. Another thing we should as a part of it is, there are times when only the message from the exception is printed. We should document those logs to make it explicit to ensure some one do not change it back to print the entire stack exception.

▼  Suresh Srinivas added a comment - 28/Oct/12 18:51

@Harsh created [HDFS-4123](#) to track your comment.

▼  Tsz-wo Sze added a comment - 28/Oct/12 19:42

- Remove getBlockId() below.


```
//DFSInputStream
+         " for " + blk.getBlockId());
```

- Combine two strings below.


```
//BlockReceiver
+         throw new IOException("Unexpected checksum mismatch " + "while writing "
```

- Remove toString() below.


```
//BlockManager
+         + b + " " + datanodes.toString());
```

▼  Suresh Srinivas added a comment - 28/Oct/12 22:39


Updated patch based on comments.

▼  Tsz-wo Sze added a comment - 28/Oct/12 22:45


+1 patch looks good.

▼  Suresh Srinivas added a comment - 28/Oct/12 22:50

Nicholas, since you have gotten good at reviewing this patch, can you also look at the branch-1 patch 😊

▼  Suresh Srinivas added a comment - 28/Oct/12 22:52

I committed the trunk patch.

▼  Hadoop QA added a comment - 28/Oct/12 23:03

-1 overall. Here are the results of testing the latest attachment
<http://issues.apache.org/jira/secure/attachment/12551135/log.chatty.cleanup.branch1.patch>
against trunk revision .

-1 patch. The patch command could not apply the patch.

Console output: <https://builds.apache.org/job/PreCommit-HDFS-Build/3411/console>

This message is automatically generated.

▼  Hudson added a comment - 28/Oct/12 23:24

Integrated in Hadoop-trunk-Commit #2937 (See <https://builds.apache.org/job/Hadoop-trunk-Commit/2937/>)
[HDFS-4122](#). Cleanup HDFS logs and reduce the size of logged messages. Contributed by Suresh Srinivas. (Revision 1403120)


Result = SUCCESS

suresh : <http://svn.apache.org/viewcvcs.cgi?root=Apache-SVN&view=rev&rev=1403120>


Files :

- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/CHANGES.txt
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/DFSClient.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/DFSInputStream.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/DFSOutputStream.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/DistributedFileSystem.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/blockmanagement/BlockManager.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/blockmanagement/DatanodeDescriptor.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/blockmanagement/DatanodeManager.java


- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/common/Storage.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/BPServiceActor.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/BlockPoolSliceScanner.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/BlockPoolSliceStorage.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/BlockReceiver.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/BlockSender.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/DataNode.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/DataStorage.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/DataXceiver.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/fsdataset/impl/FsDatasetAsyncDiskService.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/fsdataset/impl/FsDatasetImpl.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/FSDirectory.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/FSEditLog.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/FSEditLogLoader.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/FSNamesystem.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/GetDelegationTokenServlet.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/LeaseManager.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/MetaRecoveryContext.java

▼  Suresh Srinivas added a comment - 28/Oct/12 23:51

Updated branch-1 patch with more cleanup.

▼  Suresh Srinivas added a comment - 28/Oct/12 23:51

Canceling the patch.

▼  Hadoop QA added a comment - 29/Oct/12 00:12

-1 overall. Here are the results of testing the latest attachment
<http://issues.apache.org/jira/secure/attachment/12551134/log.chatty.cleanup.trunk.patch>
 against trunk revision .

+1 @author. The patch does not contain any @author tags.

-1 tests included. The patch doesn't appear to include any new or modified tests.
 Please justify why no new tests are needed for this patch.
 Also please list what manual steps were performed to verify this patch.

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+1 findbugs. The patch does not introduce any new Findbugs (version 1.3.9) warnings.

+1 release audit. The applied patch does not increase the total number of release audit warnings.


+1 core tests. The patch passed unit tests in hadoop-hdfs-project/hadoop-hdfs.

+1 contrib tests. The patch passed contrib unit tests.


Test results: <https://builds.apache.org/job/PreCommit-HDFS-Build/3410/testReport/>

Console output: <https://builds.apache.org/job/PreCommit-HDFS-Build/3410/console>

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▼  Tsz-wo Sze added a comment - 29/Oct/12 02:17

+1 the branch-1 patch looks good.

▼  Suresh Srinivas added a comment - 29/Oct/12 02:22

I committed the patch to both branch-1 and trunk.

Thanks for the laborious review, Nicholas.

▼  Hudson added a comment - 29/Oct/12 10:47

Integrated in Hadoop-Yarn-trunk #20 (See <https://builds.apache.org/job/Hadoop-Yarn-trunk/20/>)

HDFS-4122. Cleanup HDFS logs and reduce the size of logged messages. Contributed by Suresh Srinivas. (Revision 1403120)


Result = SUCCESS

suresh : <http://svn.apache.org/viewcvcs.cgi?root=Apache-SVN&view=rev&rev=1403120>

Files :

- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/CHANGES.txt
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/DFSClient.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/DFSInputStream.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/DFSOutputStream.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/DistributedFileSystem.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/blockmanagement/BlockManager.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/blockmanagement/DatanodeDescriptor.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/blockmanagement/DatanodeManager.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/common/Storage.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/BPServiceActor.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/BlockPoolSliceScanner.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/BlockPoolSliceStorage.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/BlockReceiver.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/BlockSender.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/DataNode.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/DataStorage.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/DataXceiver.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/fsdataset/impl/FsDatasetAsyncDiskService.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/fsdataset/impl/FsDatasetImpl.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/FSDirectory.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/FSEditLog.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/FSEditLogLoader.java

- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/FSNamesystem.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/GetDelegationTokenServlet.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/LeaseManager.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/MetaRecoveryContext.java

▼  Hudson added a comment - 29/Oct/12 13:02

Integrated in Hadoop-Hdfs-trunk #1210 (See <https://builds.apache.org/job/Hadoop-Hdfs-trunk/1210/>)

HDFS-4122. Cleanup HDFS logs and reduce the size of logged messages. Contributed by Suresh Srinivas. (Revision 1403120)


Result = SUCCESS

suresh : <http://svn.apache.org/viewcvcs.cgi/?root=Apache-SVN&view=rev&rev=1403120>

Files :

- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/CHANGES.txt
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/DFSClient.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/DFSInputStream.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/DFSOutputStream.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/DistributedFileSystem.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/blockmanagement/BlockManager.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/blockmanagement/DatanodeDescriptor.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/blockmanagement/DatanodeManager.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/common/Storage.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/BPServiceActor.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/BlockPoolSliceScanner.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/BlockPoolSliceStorage.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/BlockReceiver.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/BlockSender.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/DataNode.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/DataStorage.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/DataXceiver.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/fsdataset/impl/FsDatasetAsyncDiskService.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/fsdataset/impl/FsDatasetImpl.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/FSDirectory.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/FSEditLog.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/FSEditLogLoader.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/FSNamesystem.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/GetDelegationTokenServlet.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/LeaseManager.java

- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/MetaRecoveryContext.java

▼  Hudson added a comment - 29/Oct/12 14:00

Integrated in Hadoop-Mapreduce-trunk #1240 (See <https://builds.apache.org/job/Hadoop-Mapreduce-trunk/1240/>)
HDFS-4122. Cleanup HDFS logs and reduce the size of logged messages. Contributed by Suresh Srinivas. (Revision 1403120)

Result = FAILURE


suresh : <http://svn.apache.org/viewcvcs.cgi/?root=Apache-SVN&view=rev&rev=1403120>

Files :

- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/CHANGES.txt
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/DFSClient.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/DFSInputStream.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/DFSOutputStream.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/DistributedFileSystem.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/blockmanagement/BlockManager.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/blockmanagement/DatanodeDescriptor.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/blockmanagement/DatanodeManager.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/common/Storage.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/BPServiceActor.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/BlockPoolSliceScanner.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/BlockPoolSliceStorage.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/BlockReceiver.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/BlockSender.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/DataNode.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/DataStorage.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/DataXceiver.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/fsdataset/impl/FsDatasetAsyncDiskService.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/datanode/fsdataset/impl/FsDatasetImpl.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/FSDirectory.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/FSEditLog.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/FSEditLogLoader.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/FSNamesystem.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/GetDelegationTokenServlet.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/LeaseManager.java
- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/namenode/MetaRecoveryContext.java

▼  Todd Lipcon added a comment - 29/Oct/12 15:47


This should be considered an incompatible change, right? People have may have alerts on the specific content of HDFS logs (eg using software like splunk)

▼  Suresh Srinivas added a comment - 29/Oct/12 17:23

This should be considered an incompatible change, right?

I did think about it. But our logs do not promise compatibility. In fact if there is a way to annotate our logs, I would annotate it as unstable.


While this is inconvenient for tools to deal with, I would like to keep the option open for cleaning up logs, deleting them, fixing typos and adding new ones. I will update the Release Note about change log format.

▼  Todd Lipcon added a comment - 29/Oct/12 17:53

Right, I'm not arguing against doing it. But, we should flag it as "incompatible change" so that, upon upgrading, folks will notice the release note you've provided. Not all incompatible changes are disallowed IMO, but we should be clear when we make one.

▼  Suresh Srinivas added a comment - 29/Oct/12 18:10 - edited

I do not feel marking things as incompatible, when no compatibility was promised, just to draw the attention is the right approach. But I do not feel too strongly about it. I can move it to incompatible section. BTW do we do this every time an old log or old logs change - say for typo, more complete information etc.?

▼  Todd Lipcon added a comment - 29/Oct/12 19:56

No, I don't think every change which modifies any single message needs to be marked incompatible. But this changes lots and lots of messages - a wholesale cleanup is worth calling special attention to since it's very likely that a user will run afoul of it.

▼  Hudson added a comment - 29/Oct/12 23:05


Integrated in Hadoop-trunk-Commit #2940 (See <https://builds.apache.org/job/Hadoop-trunk-Commit/2940/>)
Moved [HDFS-4122](#) to Release 2.0.3 section. It is also moved to Incompatible Changes section. (Revision 1403570)

Result = SUCCESS

suresh : <http://svn.apache.org/viewcvcs.cgi?root=Apache-SVN&view=rev&rev=1403570>

Files :

- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/CHANGES.txt

▼  Suresh Srinivas added a comment - 29/Oct/12 23:43

I committed the patch to branch-2. I also move the change description to Incompatible Changes section.

▼  Hudson added a comment - 30/Oct/12 10:46

Integrated in Hadoop-Yarn-trunk #21 (See <https://builds.apache.org/job/Hadoop-Yarn-trunk/21/>)
Moved [HDFS-4122](#) to Release 2.0.3 section. It is also moved to Incompatible Changes section. (Revision 1403570)

Result = SUCCESS

suresh : <http://svn.apache.org/viewcvcs.cgi?root=Apache-SVN&view=rev&rev=1403570>

Files :

- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/CHANGES.txt

▼  Hudson added a comment - 30/Oct/12 13:02

Integrated in Hadoop-Hdfs-trunk #1211 (See <https://builds.apache.org/job/Hadoop-Hdfs-trunk/1211/>)
Moved [HDFS-4122](#) to Release 2.0.3 section. It is also moved to Incompatible Changes section. (Revision 1403570)

Result = SUCCESS

suresh : <http://svn.apache.org/viewcvcs.cgi?root=Apache-SVN&view=rev&rev=1403570>

Files :

- /hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/CHANGES.txt

▼  Hudson added a comment - 30/Oct/12 14:01

Integrated in Hadoop-Mapreduce-trunk #1241 (See <https://builds.apache.org/job/Hadoop-Mapreduce-trunk/1241/>)
Moved [HDFS-4122](#) to Release 2.0.3 section. It is also moved to Incompatible Changes section. (Revision 1403570)

Result = FAILURE

suresh : <http://svn.apache.org/viewcvcs.cgi/?root=Apache-SVN&view=rev&rev=1403570>

Files :

- [/hadoop/common/trunk/hadoop-hdfs-project/hadoop-hdfs/CHANGES.txt](#)

▼ **People**

Assignee:



Suresh Srinivas

Reporter:



Suresh Srinivas

Votes:

0

Vote for this issue

Watchers:

7

Start watching this issue

▼ **Dates**

Created:

27/Oct/12 19:00

Updated:

03/Sep/14 23:11

Resolved:

29/Oct/12 02:22