

git_comments:

1. DO NOTHING
2. * * List a directory, returning an iterator which will fail fast if this * service has been stopped * @param path path to list * @return an iterator over the contents of the directory * @throws IOException
3. * * Ask the RM for the state of the application. * This method has to be synchronized to control traffic to RM * @param appId application ID * @param yarnClient * @return the state or {@link AppState#UNKNOWN} if it could not * be determined * @throws IOException
4. * * Create and initialize the YARN Client. Tests may override/mock this. * If they return null, then {@link #getAppState(ApplicationId)} MUST * also be overridden * @param conf configuration * @return the yarn client, or null. *
5. * * Application states,
6. * * Get the application state. * @param appId application ID * @return the state or {@link AppState#UNKNOWN} if it could not * be determined * @throws IOException on IO problems
7. * * Extract any nested throwable forwarded from IPC operations. * @param e exception * @return either the exception passed an an argument, or any nested * exception which was wrapped inside an {@link UndeclaredThrowableException}
8. * * This is a special remote iterator whose {@link #hasNext()} method * returns false if {@link #stopExecutors} is true. * * This provides an implicit shutdown of all iterative file list and scan * operations without needing to implement it in the while loops themselves.
9. start child services that aren't already started
10. if non-null, hook its lifecycle up
11. If AppLogs cannot parse this log, it may be corrupted or just empty
12. log on parse problems if the file as been read in the past or is visibly non-empty

git_commits:

1. **summary:** YARN-4696. Improving EntityGroupFSTimelineStore on exception handling, test setup, and concurrency. (Steve Loughran via gtcarrera9)
message: YARN-4696. Improving EntityGroupFSTimelineStore on exception handling, test setup, and concurrency. (Steve Loughran via gtcarrera9) (cherry-picked from commit d49cfb350454c2dfa2f3eb70f79b6d5030ce7bec)

github_issues:**github_issues_comments:****github_pulls:****github_pulls_comments:****github_pulls_reviews:****jira_issues:**

1. **summary:** Improving EntityGroupFSTimelineStore on exception handling, test setup, and concurrency
description: {{EntityGroupFSTimelineStore}} now depends on an RM being up and running; the configuration pointing to it. This is a new change, and impacts testing where you have historically been able to test without an RM running. The sole purpose of the probe is to automatically determine if an app is running; it falls back to "unknown" if not. If the RM connection was optional, the "unknown" codepath could be called directly, relying on age of file as a metric of completion Options # add a flag to disable RM connect # skip automatically if RM not defined/set to 0.0.0.0 # disable retries on yarn client IPC; if it fails, tag app as unknown.

jira_issues_comments:

1. Patch -001; thing I had to do to get my (external, spark integration) test closer to working. These are a combination of things that are absolutely needed (disabling RM, flushing on close()), generally better (exception handling), and needed to debug what's going on (all the improved logging) # RM integration can be disabled, the timeline store then only uses modified times as a liveness test. This includes checks for null around uses of yarnClient; # I took the opportunity to clean up service shutdown in the process. # YARN-4695 recommendations: all worker threads unwrap exceptions and, if interrupted exceptions, skip the stack trace. # better logging @ debug (including # of scanned apps) # {{TimelineWriter}} doesn't rewrap IOEs in IOEs, wraps interrupted exception into {{InterruptedIOException}} # {{FileSystemTimelineWriter.close()}} does a {{flush()}}. Stops any last events getting lost. There are tests, but not here. Look in <https://github.com/stevouloughran/spark-timeline-integration>
2. | (x) *{color:red}-1 overall{color}* | \ \ \ \ || Vote || Subsystem || Runtime || Comment || | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 13s {color} | {color:blue} Docker mode activated. {color} | | {color:green}+1{color} | {color:green} @author {color} | {color:green} 0m 0s {color} | {color:green} The patch does not contain any @author tags. {color} | | {color:red}-1{color} | {color:red} test4tests {color} | {color:red} 0m 0s {color} | {color:red} 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. {color} | | {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 16s {color} | {color:blue} Maven dependency ordering for branch {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 6m 29s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 1m 44s {color} | {color:green} trunk passed with JDK v1.8.0_72 {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 2m 3s {color} | {color:green} trunk passed with JDK v1.7.0_95 {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 36s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 1m 18s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} mvnecclipse {color} | {color:green} 0m 39s {color} | {color:green} trunk passed {color} | | {color:red}-1{color} | {color:red} findbugs {color} | {color:red} 0m 26s {color} | {color:red} hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-timeline-pluginstorage in trunk has 1 extant Findbugs warnings. {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 14s {color} | {color:green} trunk passed with JDK v1.8.0_72 {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 3m 41s {color} | {color:green} trunk passed with JDK v1.7.0_95 {color} | | {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 11s {color} | {color:blue} Maven dependency ordering for patch {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 1m 3s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 1m 40s {color} | {color:green} the patch passed

with JDK v1.8.0_72 {color} || {color:green}+1{color} | {color:green} javac {color} | {color:green} 1m 40s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 2m 1s {color} | {color:green} the patch passed with JDK v1.7.0_95 {color} || {color:green}+1{color} | {color:green} javac {color} | {color:green} 2m 1s {color} | {color:green} the patch passed {color} || {color:red}-1{color} | {color:red} checkstyle {color} | {color:red} 0m 33s {color} | {color:red} hadoop-yarn-project/hadoop-yarn: patch generated 3 new + 214 unchanged - 0 fixed = 217 total (was 214) {color} || {color:green}+1{color} | {color:green} mvn:site {color} | {color:green} 1m 12s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} mvn:ecclipse {color} | {color:green} 0m 32s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} whitespace {color} | {color:green} 0m 0s {color} | {color:green} Patch has no whitespace issues. {color} || {color:green}+1{color} | {color:green} xml {color} | {color:green} 0m 1s {color} | {color:green} The patch has no ill-formed XML file. {color} || {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 3m 16s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 14s {color} | {color:green} the patch passed with JDK v1.8.0_72 {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 3m 32s {color} | {color:green} the patch passed with JDK v1.7.0_95 {color} || {color:green}+1{color} | {color:green} unit {color} | {color:green} 0m 22s {color} | {color:green} hadoop-yarn-api in the patch passed with JDK v1.8.0_72. {color} || {color:green}+1{color} | {color:green} unit {color} | {color:green} 2m 4s {color} | {color:green} hadoop-yarn-common in the patch passed with JDK v1.8.0_72. {color} || {color:green}+1{color} | {color:green} unit {color} | {color:green} 0m 55s {color} | {color:green} hadoop-yarn-server-timeline-pluginstorage in the patch passed with JDK v1.8.0_72. {color} || {color:green}+1{color} | {color:green} unit {color} | {color:green} 0m 23s {color} | {color:green} hadoop-yarn-api in the patch passed with JDK v1.7.0_95. {color} || {color:green}+1{color} | {color:green} unit {color} | {color:green} 2m 15s {color} | {color:green} hadoop-yarn-common in the patch passed with JDK v1.7.0_95. {color} || {color:green}+1{color} | {color:green} unit {color} | {color:green} 0m 55s {color} | {color:green} hadoop-yarn-server-timeline-pluginstorage in the patch passed with JDK v1.7.0_95. {color} || {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 20s {color} | {color:green} Patch does not generate ASF License warnings. {color} || {color:black}{color} | {color:black} {color} | {color:black} 44m 43s {color} | {color:black} {color} | \\\ \\\ Subsystem || Report/Notes || Docker | Image:yetus/hadoop:0ca8df7 | | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12788071/YARN-4696-001.patch | | JIRA Issue | YARN-4696 | | Optional Tests | asflicense compile javac javadoc mvninstall mvn:site unit findbugs checkstyle xml | | uname | Linux 8529d7b7b2d9 3.13.0-36-lowlatency #63-Ubuntu SMP PREEMPT Wed Sep 3 21:56:12 UTC 2014 x86_64 x86_64 GNU/Linux | | Build tool | maven | | Personality | /testptch/hadoop/patchprocess/precommit/personality/provided.sh | | git revision | trunk / 4b0e59f | | Default Java | 1.7.0_95 | | Multi-JDK versions | /usr/lib/jvm/java-8-oracle:1.8.0_72 /usr/lib/jvm/java-7-openjdk-amd64:1.7.0_95 | | findbugs | v3.0.0 | | findbugs | https://builds.apache.org/job/PreCommit-YARN-Build/10571/artifact/patchprocess/branch-findbugs-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-timeline-pluginstorage-warnings.html | | checkstyle | https://builds.apache.org/job/PreCommit-YARN-Build/10571/artifact/patchprocess/diff-checkstyle-hadoop-yarn-project_hadoop-yarn.txt | | JDK v1.7.0_95 Test Results | https://builds.apache.org/job/PreCommit-YARN-Build/10571/testReport/ | | modules | C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-api hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-timeline-pluginstorage U: hadoop-yarn-project/hadoop-yarn | | Console output | https://builds.apache.org/job/PreCommit-YARN-Build/10571/console | | Powered by | Apache Yetus 0.2.0-SNAPSHOT http://yetus.apache.org | This message was automatically generated.

3. Thanks for the work [~stevell@apache.org]! My main question is that what is the assumed use case for the "non-RM" mode of the reader, other than unit tests? If it's only for unit tests, are there any ways we can clearly restrict this? Because IIUC, if detached from the RM, all app states will be unknown and eventually completed. However, the status is not accurate because it's only a timeout from unknownActiveMillis. For unit tests, is it possible to have a mock RM to to the same job? If there are too much troubles then having this looks fine, but we need to clearly restrict the use case. nits: - Line 46, EntityGroupFSTimelineStore, I think we'd incline to avoid import *s? - There is a findbugs warning about an inconsistent synchronization condition for LevelDBCacheTimelineStore, where we may want to synchronize on the constructor? This is an unrelated failure, so feel free to skip it. However, if you happen to have time, a quick fix would also be helpful. [~xgong] to double check the logic on the writer side. Exception handling looks fine but I would like to double check the logic on the flush.
4. It is for testing: the previous ATS ran happily standalone, whereas v 1.5 hangs looking for an RM at 0.0.0.0. Some form of mock RM could do it, but # line 46; I was thinking about moving all the YarnConfiguration imports to static ones ... there were a lot of them. But if not, then not. # I'll look at findbugs Mocking is a thought; it might be easiest to isolate the construction/use of the yarn client so it's straightforward to mock/subclass
5. Patch 002 # removes switch in exchange for making creation/use of RM something that can be subclassed or mocked away # switched to CompositeService for automatic handling of child service lifecycle; by adding yarnclient & the others they get this lifecycle (and there are no need for special yarnClient!=null checks anywhere in the code. # also cleaned up the {{cacheItem.getStore().close()}} calls -I managed to get an NPE if the store was null; they are services so can be handled via {{ServiceOperations}} Finally: when the web API catches an illegal argument exception (or any other), the string value is included. This helps track down problems like application ID conversion trouble in your plugin, which would otherwise fail with no meaningful error messages or stack traces either on the client or the server
6. | (x) *{color:red}-1 overall{color}* | \\\ \\\ || Vote || Subsystem || Runtime || Comment || | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 31s {color} | {color:blue} Docker mode activated. {color} || {color:green}+1{color} | {color:green} @author {color} | {color:green} 0m 0s {color} | {color:green} The patch does not contain any @author tags. {color} || {color:red}-1{color} | {color:red} test4tests {color} | {color:red} 0m 0s {color} | {color:red} 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. {color} || {color:blue}0{color} | {color:blue} mvn:dep {color} | {color:blue} 0m 30s {color} | {color:blue} Maven dependency ordering for branch {color} || {color:green}+1{color} | {color:green} mvn:install {color} | {color:green} 9m 39s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 3m 18s {color} | {color:green} trunk passed with JDK v1.8.0_72 {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 3m 3s {color} | {color:green} trunk passed with JDK v1.7.0_95 {color} || {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 46s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} mvn:site {color} | {color:green} 1m 40s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} mvn:ecclipse {color} | {color:green} 0m 54s {color} | {color:green} trunk passed {color} || {color:red}-1{color} | {color:red} findbugs {color} | {color:red} 0m 38s {color} | {color:red} hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-timeline-pluginstorage in trunk has 1 extant Findbugs warnings. {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 36s {color} | {color:green} trunk passed with JDK v1.8.0_72 {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 37s {color} | {color:green} trunk passed with JDK v1.7.0_95 {color} || {color:blue}0{color} | {color:blue} mvn:dep {color} | {color:blue} 0m 14s {color} | {color:blue} Maven dependency ordering for patch {color} || {color:green}+1{color} | {color:green} mvn:install {color} | {color:green} 1m 31s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 3m 26s {color} | {color:green} the patch passed with JDK v1.8.0_72 {color} || {color:green}+1{color} | {color:green} javac {color} | {color:green} 3m 26s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 3m 4s {color} | {color:green} the patch

passed with JDK v1.7.0_95 {color} || {color:green}+1{color} | {color:green} javac {color} | {color:green} 3m 4s {color} | {color:green} the patch passed {color} || {color:red}-1{color} | {color:red} checkstyle {color} | {color:red} 0m 45s {color} | {color:red} hadoop-yarn-project/hadoop-yarn: patch generated 5 new + 9 unchanged - 0 fixed = 14 total (was 9) {color} || {color:green}+1{color} | {color:green} mvn site {color} | {color:green} 1m 40s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} mvn eclipse {color} | {color:green} 0m 49s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} whitespace {color} | {color:green} 0m 0s {color} | {color:green} Patch has no whitespace issues. {color} || {color:green}+1{color} | {color:green} xml {color} | {color:green} 0m 1s {color} | {color:green} The patch has no ill-formed XML file. {color} || {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 3m 54s {color} | {color:green} the patch passed {color} || {color:red}-1{color} | {color:red} javadoc {color} | {color:red} 2m 55s {color} | {color:red} hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-timeline-pluginstorage-jdk1.8.0_72 with JDK v1.8.0_72 generated 1 new + 7 unchanged - 0 fixed = 8 total (was 7) {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 32s {color} | {color:green} the patch passed with JDK v1.8.0_72 {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 24s {color} | {color:green} the patch passed with JDK v1.7.0_95 {color} || {color:green}+1{color} | {color:green} unit {color} | {color:green} 2m 48s {color} | {color:green} hadoop-yarn-common in the patch passed with JDK v1.8.0_72. {color} || {color:green}+1{color} | {color:green} unit {color} | {color:green} 4m 9s {color} | {color:green} hadoop-yarn-server-applicationhistoryservice in the patch passed with JDK v1.8.0_72. {color} || {color:green}+1{color} | {color:green} unit {color} | {color:green} 1m 12s {color} | {color:green} hadoop-yarn-server-timeline-pluginstorage in the patch passed with JDK v1.8.0_72. {color} || {color:green}+1{color} | {color:green} unit {color} | {color:green} 2m 54s {color} | {color:green} hadoop-yarn-common in the patch passed with JDK v1.7.0_95. {color} || {color:green}+1{color} | {color:green} unit {color} | {color:green} 4m 10s {color} | {color:green} hadoop-yarn-server-applicationhistoryservice in the patch passed with JDK v1.7.0_95. {color} || {color:green}+1{color} | {color:green} unit {color} | {color:green} 1m 5s {color} | {color:green} hadoop-yarn-server-timeline-pluginstorage in the patch passed with JDK v1.7.0_95. {color} || {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 31s {color} | {color:green} Patch does not generate ASF License warnings. {color} || {color:black}{color} | {color:black} {color} | {color:black} 63m 55s {color} | {color:black} {color} | \\ \\ \\ Subsystem || Report/Notes || Docker | Image:yetus/hadoop:0ca8df7 | JIRA Patch URL | <https://issues.apache.org/jira/secure/attachment/12788285/YARN-4696-002.patch> | JIRA Issue | YARN-4696 | Optional Tests | asflicense compile javac javadoc mvninstall mvn site unit findbugs checkstyle xml | | name | Linux 014915747ebc 3.13.0-36-lowlatency #63-Ubuntu SMP PREEMPT Wed Sep 3 21:56:12 UTC 2014 x86_64 x86_64 x86_64 GNU/Linux | | Build tool | maven | | Personality | /testptch/hadoop/patchprocess/precommit/personality/provided.sh | | git revision | trunk / 77f7ca3 | | Default Java | 1.7.0_95 | | Multi-JDK versions | /usr/lib/jvm/java-8-oracle:1.8.0_72 /usr/lib/jvm/java-7-openjdk-amd64:1.7.0_95 | | findbugs | v3.0.0 | | findbugs | https://builds.apache.org/job/PreCommit-YARN-Build/10576/artifact/patchprocess/branch-findbugs-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-timeline-pluginstorage-warnings.html | | checkstyle | https://builds.apache.org/job/PreCommit-YARN-Build/10576/artifact/patchprocess/diff-checkstyle-hadoop-yarn-project_hadoop-yarn.txt | | javadoc | hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-timeline-pluginstorage-jdk1.8.0_72: https://builds.apache.org/job/PreCommit-YARN-Build/10576/artifact/patchprocess/diff-javadoc-javadoc-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-timeline-pluginstorage-jdk1.8.0_72.txt | | JDK v1.7.0_95 Test Results | <https://builds.apache.org/job/PreCommit-YARN-Build/10576/testReport/> | | modules | C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-applicationhistoryservice hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-timeline-pluginstorage U: hadoop-yarn-project/hadoop-yarn | Console output | <https://builds.apache.org/job/PreCommit-YARN-Build/10576/console> | Powered by | Apache Yetus 0.2.0-SNAPSHOT <http://yetus.apache.org> | This message was automatically generated.

7. Thanks [~stevell@apache.org]! This new override based solution works better IMHO. Some minor questions: - Since we have already switched to the override based approach, do we still need to introduce the new config key? I guess not, but just to make sure this because we're still changing yarn-default? - I noticed the following lines of comments: {code} * If they return null, then {@link #getAppState(ApplicationId)} will * also need to be reworked. {code} This coupling appears to be a little bit error-pruning, since people may easily ignore this comment. Do you think it worth the effort to encapsulate getAppState into an interface inside the storage? We may also want to move the yarnClient there so that the semantic is completely isolated from the actual implementation. For UTs we can easily build a trivial app state fetcher that does nothing. Not sure if this is an over-design though...
8. # forgot about the -default.xml; will fix # anyone overriding that method with the comment will see a stack in getAppState unless they override it. Maybe just make the text clearer and have them adjacent. # I've realised: there's enough for a test now...override the create operation, call the status one, walk everything through its lifecycle. I'll add that
9. Patch -003 Addresses # discussion # checkstyle # javadocs Adds a test to verify lifecycle walkthrough and invocation of lookup
10. (x) *{color:red}-1 overall {color}* || \\ \\ \\ Vote || Subsystem || Runtime || Comment || | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 10s {color} | {color:blue} Docker mode activated. {color} || {color:green}+1{color} | {color:green} @author {color} | {color:green} 0m 0s {color} | {color:green} The patch does not contain any @author tags. {color} || {color:green}+1{color} | {color:green} test4tests {color} | {color:green} 0m 0s {color} | {color:green} The patch appears to include 1 new or modified test files. {color} || {color:blue}0{color} | {color:blue} mvn dep {color} | {color:blue} 0m 11s {color} | {color:blue} Maven dependency ordering for branch {color} || {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 7m 5s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 1m 57s {color} | {color:green} trunk passed with JDK v1.8.0_72 {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 2m 14s {color} | {color:green} trunk passed with JDK v1.7.0_95 {color} || {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 33s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} mvn site {color} | {color:green} 1m 17s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} mvn eclipse {color} | {color:green} 0m 40s {color} | {color:green} trunk passed {color} || {color:red}-1{color} | {color:red} findbugs {color} | {color:red} 0m 27s {color} | {color:red} hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-timeline-pluginstorage in trunk has 1 extant Findbugs warnings. {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 59s {color} | {color:green} trunk passed with JDK v1.8.0_72 {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 8s {color} | {color:green} trunk passed with JDK v1.7.0_95 {color} || {color:blue}0{color} | {color:blue} mvn dep {color} | {color:blue} 0m 11s {color} | {color:blue} Maven dependency ordering for patch {color} || {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 1m 3s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 1m 57s {color} | {color:green} the patch passed with JDK v1.8.0_72 {color} || {color:green}+1{color} | {color:green} javac {color} | {color:green} 1m 57s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 2m 16s {color} | {color:green} the patch passed with JDK v1.7.0_95 {color} || {color:green}+1{color} | {color:green} javac {color} | {color:green} 2m 16s {color} | {color:green} the patch passed {color} || {color:red}-1{color} | {color:red} checkstyle {color} | {color:red} 0m 33s {color} | {color:red} hadoop-yarn-project/hadoop-yarn: patch generated 1 new + 9 unchanged - 0 fixed = 10 total (was 9) {color} || {color:green}+1{color} | {color:green} mvn site {color} | {color:green} 1m 11s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} mvn eclipse {color} | {color:green} 0m 35s {color} | {color:green} the patch passed {color} || {color:green}+1{color} |

{color:green} whitespace {color} | {color:green} 0m 0s {color} | {color:green} Patch has no whitespace issues. {color} | | {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 2m 50s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 52s {color} | {color:green} the patch passed with JDK v1.8.0_72 {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 2s {color} | {color:green} the patch passed with JDK v1.7.0_95 {color} | | {color:green}+1{color} | {color:green} unit {color} | {color:green} 1m 59s {color} | {color:green} hadoop-yarn-common in the patch passed with JDK v1.8.0_72. {color} | | {color:green}+1{color} | {color:green} unit {color} | {color:green} 3m 3s {color} | {color:green} hadoop-yarn-server-applicationhistoryservice in the patch passed with JDK v1.8.0_72. {color} | | {color:green}+1{color} | {color:green} unit {color} | {color:green} 0m 46s {color} | {color:green} hadoop-yarn-server-timeline-pluginstorage in the patch passed with JDK v1.8.0_72. {color} | | {color:green}+1{color} | {color:green} unit {color} | {color:green} 2m 15s {color} | {color:green} hadoop-yarn-common in the patch passed with JDK v1.7.0_95. {color} | | {color:green}+1{color} | {color:green} unit {color} | {color:green} 3m 14s {color} | {color:green} hadoop-yarn-server-applicationhistoryservice in the patch passed with JDK v1.7.0_95. {color} | | {color:green}+1{color} | {color:green} unit {color} | {color:green} 0m 50s {color} | {color:green} hadoop-yarn-server-timeline-pluginstorage in the patch passed with JDK v1.7.0_95. {color} | | {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 21s {color} | {color:green} Patch does not generate ASF License warnings. {color} | | {color:black} {color} | {color:black} {color} | {color:black} 44m 57s {color} | {color:black} {color} | \\\| Subsystem \| Report/Notes \| Docker | Image:yetus/hadoop:0ca8df7 | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12788439/YARN-4696-003.patch | | JIRA Issue | YARN-4696 | | Optional Tests | asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle | | uname | Linux 0d56012342fc 3.13.0-36-lowlatency #63-Ubuntu SMP PREEMPT Wed Sep 3 21:56:12 UTC 2014 x86_64 x86_64 x86_64 GNU/Linux | | Build tool | maven | | Personality | /testptch/hadoop/patchprocess/precommit/personality/provided.sh | | git revision | trunk / 2440671 | | Default Java | 1.7.0_95 | | Multi-JDK versions | /usr/lib/jvm/java-8-oracle:1.8.0_72 /usr/lib/jvm/java-7-openjdk-amd64:1.7.0_95 | | findbugs | v3.0.0 | | findbugs | https://builds.apache.org/job/PreCommit-YARN-Build/10578/artifact/patchprocess/branch-findbugs-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-timeline-pluginstorage-warnings.html | | checkstyle | https://builds.apache.org/job/PreCommit-YARN-Build/10578/artifact/patchprocess/diff-checkstyle-hadoop-yarn-project_hadoop-yarn.txt | | JDK v1.7.0_95 Test Results | https://builds.apache.org/job/PreCommit-YARN-Build/10578/testReport/ | | modules | C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-applicationhistoryservice hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-timeline-pluginstorage U: hadoop-yarn-project/hadoop-yarn | | Console output | https://builds.apache.org/job/PreCommit-YARN-Build/10578/console | | Powered by | Apache Yetus 0.2.0-SNAPSHOT http://yetus.apache.org | This message was automatically generated.

11. Patch -003. Adds more robustness/diagnostics to the plugin load process # the list of classes are trimmed, so things like spaces and newlines don't break the loader # any exception raised when plugin creation fails is included in the rethrown exception

12. Thanks [~stevel@apache.org]! The latest patch LGTM. Could some committers have another look at it to double check? Thanks!

13. Patch -005 (there was an -004, but I Don't think I submitted it) # log of post, put and file save # make close() operation robust # scan for files skips files that exist but are 0 bytes long. That is not an error

14. This is another iteration with some other things needed to debug and harden the code; probably best to let me iterate on this until I've got my spark-> ATS work done, in case I find more problems. As addressed in patch 005, the scan was having problems with 0 byte files. This may be because I'm using local fs, not miniHDFS, this behaves differently. I've also added more logging of what's going on, because there's enough async operations going on in the client, it's a lot harder to debug why things aren't working: is it there's been no flush client side, nothing picked up in the ATS, etc, etc.

15. the next patch I put up will implement YARN-4716; you can use flush to trigger a writeback. Unfortunately —and this is not the fault of ATS— that doesn't work on file://, because that is a checksummed FS, and guess what buffers things? For tests we really need an easy way to turn checksum creation off from the config; that can only be done today with accessors of the FS instance, and that's unworkable

16. filed HADOOP-12831. I know I could avoid suffering by bringing up a minidfs cluster, but don't want to for two reasons # It'll make tests significantly slower. Currently I'm only starting ATS, not YARN or HDFS. # having ATS 1.5 not work in clusters where the FS isn't HDFS is effectively an incompatible change. Not the fault of ATS though, more that local fs doesn't meet what you'd expect of flush/hflush, and for small history logs, doesn't get happy

17. Patch 006; ongoing (and currently unsuccessful) attempt to use file:// as a destination for timeline entities * some better logging of read problems to differentiate empty file from missing file. * add cleanup of TimelineDataManager in try-with-resources * explicitly thrown an FNFE if the active dir isn't found (Rather than a generic IOE) * the constant {{FileSystemTimelineWriter.TIMELINE_SERVICE_ENTITYFILE_FS_SUPPORT_APPEND}} is public, so that you can turn off append support. I know we want a proper API here (HADOOP-9565), but it's not done yet: a flag is all you have. Making the constant public will make it easier to track down use in future. * includes YARN-4716; flush() interface. This propagates all the way down to the FS API (good), but as file:// is a CRC filesystem, flush/hflush doesn't actually work (it buffers until a CRC-block of data is ready). And there's no way to turn off that feature via a config option. What I'm seeing then is that when an app completes its changes are picked up fine. But incomplete apps aren't, instead the scanner is seeing an 0-byte file and skipping it. Which isn't that useful at all. I suspect the issue here is hdfs vs file filesystem behaviours, something I could fix by moving to miniHDFS. My fear here is that people may want to use file:// or similar FS in production, and what we have today doesn't work.

18. (x) *{color:red}-1 overall{color}* | \\\| \| Vote \| Subsystem \| Runtime \| Comment \| | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 15s {color} | {color:blue} Docker mode activated. {color} | | {color:green}+1{color} | {color:green} @author {color} | {color:green} 0m 0s {color} | {color:green} The patch does not contain any @author tags. {color} | | {color:green}+1{color} | {color:green} test4tests {color} | {color:green} 0m 0s {color} | {color:green} The patch appears to include 1 new or modified test files. {color} | | {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 11s {color} | {color:blue} Maven dependency ordering for branch {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 7m 13s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 1m 57s {color} | {color:green} trunk passed with JDK v1.8.0_72 {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 2m 14s {color} | {color:green} trunk passed with JDK v1.7.0_95 {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 32s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 1m 17s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} mvnecclipse {color} | {color:green} 0m 41s {color} | {color:green} trunk passed {color} | | {color:red}-1{color} | {color:red} findbugs {color} | {color:red} 0m 29s {color} | {color:red} hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-timeline-pluginstorage in trunk has 1 extant Findbugs warnings. {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 0s {color} | {color:green} trunk passed with JDK v1.8.0_72 {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 8s {color} | {color:green} trunk passed with JDK v1.7.0_95 {color} | | {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 11s {color} | {color:blue} Maven dependency ordering for patch {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 1m 4s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 2m 4s {color} | {color:green} the patch passed with JDK v1.8.0_72 {color} | | {color:green}+1{color} | {color:green} javac {color} | {color:green} 2m 4s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 2m 13s {color}

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19. Patch 007 files that are stat-ed as empty are not skipped, but no attempt is made to log a parse problem if the length is 0 and no data has ever been read from it before (i.e. offset=0).

20. Patch -008. This removes a subclass of RawLocalFileSystem that I'd been trying to instantiate directly. That doesn't work...I won't go into the details. Note also that patch -007 # has the code to remember the cache option before the {{FileSystemTimelineWriter}} gets a file, and restores it after # has commented out the entire action of disabling the cache. Why #2? It's to try to get a local FS with checksumming disabled picked up in test cases. I've not got that working. Why #1? Because some other part of the JVM may want caching, and so they won't want this class disabling it for them. I'm assuming that the caching was disabled to ensure that if this class closed the fs instance then the solution there is: don't close the FS when the service is stopped. We can rely on Hadoop itself to stop all filesystems in JVM shutdown. Of course, if the concern is that its other bits of code closing the FS, that's harder. In such a case, if I do manage to get my local FS test working, then we may need a test-time option to not-disable the cache

21. | (x) *{color:red}-1 overall {color}* || {color:red} Vote || Subsystem || Runtime || Comment || {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 10s {color} | {color:blue} Docker mode activated. {color} || {color:green}+1{color} | {color:green} @author {color} | {color:green} 0m 0s {color} | {color:green} The patch does not contain any @author tags. {color} || {color:green}+1{color} | {color:green} test4tests {color} | {color:green} 0m 0s {color} | {color:green} The patch appears to include 1 new or modified test files. {color} || {color:blue}0{color} | {color:blue} mvn dep {color} | {color:blue} 0m 10s {color} | {color:blue} Maven dependency ordering for branch {color} || {color:green}+1{color} | {color:green} mvn install {color} | {color:green} 6m 39s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 1m 44s {color} | {color:green} trunk passed with JDK v1.8.0_72 {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 2m 4s {color} | {color:green} trunk passed with JDK v1.7.0_95 {color} || {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 32s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} mvn site {color} | {color:green} 1m 13s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} mvn eclipse {color} | {color:green} 0m 39s {color} | {color:green} trunk passed {color} || {color:red}-1{color} | {color:red} findbugs {color} | {color:red} 0m 25s {color} | {color:red} hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-timeline-pluginstorage in trunk has 1 extant Findbugs warnings. {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 53s {color} | {color:green} trunk passed with JDK v1.8.0_72 {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 4s {color} | {color:green} trunk passed with JDK v1.7.0_95 {color} || {color:blue}0{color} | {color:blue} mvn dep {color} | {color:blue} 0m 10s {color} | {color:blue} Maven dependency ordering for patch {color} || {color:green}+1{color} | {color:green} mvn install {color} | {color:green} 1m 1s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 1m 50s {color} | {color:green} the patch passed with JDK v1.8.0_72 {color} || {color:green}+1{color} | {color:green} javac {color} | {color:green} 1m 51s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 2m 5s {color} | {color:green} the patch passed with JDK v1.7.0_95 {color} || {color:green}+1{color} | {color:green} javac {color} | {color:green} 2m 5s {color} | {color:green} the patch passed {color} || {color:red}-1{color} | {color:red} checkstyle {color} | {color:red} 0m 32s {color} | {color:red} hadoop-yarn-project/hadoop-yarn: patch generated 3 new + 29 unchanged - 0 fixed = 32 total (was 29) {color} || {color:green}+1{color} | {color:green} mvn site {color} | {color:green} 1m 9s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} mvn eclipse {color} | {color:green} 0m 35s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} whitespace {color} | {color:green} 0m 0s {color} | {color:green} Patch has no whitespace issues. {color} || {color:red}-1{color} | {color:red} findbugs {color} | {color:red} 1m 24s {color} | {color:red} hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common generated 1 new + 0 unchanged - 0 fixed = 1 total (was 0) {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 49s {color} | {color:green} the patch passed with JDK v1.8.0_72 {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 0s {color} | {color:green} the patch passed with JDK v1.7.0_95 {color} || {color:green}+1{color} | {color:green} unit {color} | {color:green} 1m 53s {color} | {color:green} hadoop-yarn-common in the patch passed with JDK v1.8.0_72. {color} || {color:green}+1{color} | {color:green} unit {color} | {color:green} 2m 54s {color} | {color:green} hadoop-yarn-server-applicationhistoryservice in the patch passed with JDK v1.8.0_72. {color} || {color:green}+1{color} | {color:green}

unit {color} | {color:green} 0m 45s {color} | {color:green} hadoop-yarn-server-timeline-pluginstorage in the patch passed with JDK v1.8.0_72. {color} | | {color:green}+1{color} | {color:green} unit {color} | {color:green} 2m 9s {color} | {color:green} hadoop-yarn-common in the patch passed with JDK v1.7.0_95. {color} | | {color:green}+1{color} | {color:green} unit {color} | {color:green} 3m 11s {color} | {color:green} hadoop-yarn-server-applicationhistoryservice in the patch passed with JDK v1.7.0_95. {color} | | {color:green}+1{color} | {color:green} unit {color} | {color:green} 0m 50s {color} | {color:green} hadoop-yarn-server-timeline-pluginstorage in the patch passed with JDK v1.7.0_95. {color} | | {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 19s {color} | {color:green} Patch does not generate ASF License warnings. {color} | | {color:black}{color} | {color:black} {color} | {color:black} 42m 41s {color} | {color:black} {color} | \\\| Reason \| Tests \| FindBugs | module:hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common | | Dead store to scheme in new org.apache.hadoop.yarn.client.api.impl.FileSystemTimelineWriter(Configuration, UserGroupInformation, Client, URI) At FileSystemTimelineWriter.java:new org.apache.hadoop.yarn.client.api.impl.FileSystemTimelineWriter(Configuration, UserGroupInformation, Client, URI) At FileSystemTimelineWriter.java:[line 125] | \\\| Subsystem \| Report/Notes \| Docker | Image:yetus/hadoop:0ca8df7 | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12789577/YARN-4696-008.patch | | JIRA Issue | YARN-4696 | Optional Tests | asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle | | uname | Linux 11577e3da049 3.13.0-36-lowlatency #63-Ubuntu SMP PREEMPT Wed Sep 3 21:56:12 UTC 2014 x86_64 x86_64 x86_64 GNU/Linux | | Build tool | maven | | Personality | /testptch/hadoop/patchprocess/precommit/personality/provided.sh | | git revision | trunk / 3369a4f | | Default Java | 1.7.0_95 | | Multi-JDK versions | /usr/lib/jvm/java-8-oracle:1.8.0_72 /usr/lib/jvm/java-7-openjdk-amd64:1.7.0_95 | | findbugs | v3.0.0 | | findbugs | https://builds.apache.org/job/PreCommit-YARN-Build/10625/artifact/patchprocess/branch-findbugs-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-timeline-pluginstorage-warnings.html | | checkstyle | https://builds.apache.org/job/PreCommit-YARN-Build/10625/artifact/patchprocess/diff-checkstyle-hadoop-yarn-project_hadoop-yarn.txt | | findbugs | https://builds.apache.org/job/PreCommit-YARN-Build/10625/artifact/patchprocess/new-findbugs-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-common.html | | JDK v1.7.0_95 Test Results | https://builds.apache.org/job/PreCommit-YARN-Build/10625/testReport/ | | modules | C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-applicationhistoryservice hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-timeline-pluginstorage U: hadoop-yarn-project/hadoop-yarn | | Console output | https://builds.apache.org/job/PreCommit-YARN-Build/10625/console | | Powered by | Apache Yetus 0.2.0-SNAPSHOT http://yetus.apache.org | This message was automatically generated.

22. (x) *{color:red}-1 overall{color}* | \\\| Vote \| Subsystem \| Runtime \| | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 14s {color} | {color:blue} Docker mode activated. {color} | | {color:green}+1{color} | {color:green} @author {color} | {color:green} 0m 0s {color} | {color:green} The patch does not contain any @author tags. {color} | | {color:green}+1{color} | {color:green} test4tests {color} | {color:green} 0m 0s {color} | {color:green} The patch appears to include 1 new or modified test files. {color} | | {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 14s {color} | {color:blue} Maven dependency ordering for branch {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 6m 41s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 6m 3s {color} | {color:green} trunk passed with JDK v1.8.0_72 {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 6m 44s {color} | {color:green} trunk passed with JDK v1.7.0_95 {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 1m 4s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 2m 21s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 55s {color} | {color:green} trunk passed {color} | | {color:red}-1{color} | {color:red} findbugs {color} | {color:red} 0m 28s {color} | {color:red} hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-timeline-pluginstorage in trunk has 1 extant Findbugs warnings. {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 50s {color} | {color:green} trunk passed with JDK v1.8.0_72 {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 2m 9s {color} | {color:green} trunk passed with JDK v1.7.0_95 {color} | | {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 15s {color} | {color:blue} Maven dependency ordering for patch {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 1m 41s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 6m 1s {color} | {color:green} the patch passed with JDK v1.8.0_72 {color} | | {color:green}+1{color} | {color:green} javac {color} | {color:green} 6m 1s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 6m 40s {color} | {color:green} the patch passed with JDK v1.7.0_95 {color} | | {color:green}+1{color} | {color:green} javac {color} | {color:green} 6m 40s {color} | {color:green} the patch passed {color} | | {color:red}-1{color} | {color:red} checkstyle {color} | {color:red} 1m 3s {color} | {color:red} root: patch generated 5 new + 29 unchanged - 0 fixed = 34 total (was 29) {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 2m 15s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 55s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} whitespace {color} | {color:green} 0m 0s {color} | {color:green} Patch has no whitespace issues. {color} | | {color:red}-1{color} | {color:red} findbugs {color} | {color:red} 1m 50s {color} | {color:red} hadoop-common-project/hadoop-common generated 2 new + 0 unchanged - 0 fixed = 2 total (was 0) {color} | | {color:red}-1{color} | {color:red} findbugs {color} | {color:red} 1m 23s {color} | {color:red} hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common generated 1 new + 0 unchanged - 0 fixed = 1 total (was 0) {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 47s {color} | {color:green} the patch passed with JDK v1.8.0_72 {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 2m 10s {color} | {color:green} the patch passed with JDK v1.7.0_95 {color} | | {color:green}+1{color} | {color:green} unit {color} | {color:green} 6m 57s {color} | {color:green} hadoop-common in the patch passed with JDK v1.8.0_72. {color} | | {color:green}+1{color} | {color:green} unit {color} | {color:green} 1m 53s {color} | {color:green} hadoop-yarn-common in the patch passed with JDK v1.8.0_72. {color} | | {color:green}+1{color} | {color:green} unit {color} | {color:green} 3m 44s {color} | {color:green} hadoop-yarn-server-applicationhistoryservice in the patch passed with JDK v1.8.0_72. {color} | | {color:green}+1{color} | {color:green} unit {color} | {color:green} 0m 52s {color} | {color:green} hadoop-yarn-server-timeline-pluginstorage in the patch passed with JDK v1.8.0_72. {color} | | {color:green}+1{color} | {color:green} unit {color} | {color:green} 7m 24s {color} | {color:green} hadoop-common in the patch passed with JDK v1.7.0_95. {color} | | {color:green}+1{color} | {color:green} unit {color} | {color:green} 2m 11s {color} | {color:green} hadoop-yarn-common in the patch passed with JDK v1.7.0_95. {color} | | {color:green}+1{color} | {color:green} unit {color} | {color:green} 3m 57s {color} | {color:green} hadoop-yarn-server-applicationhistoryservice in the patch passed with JDK v1.7.0_95. {color} | | {color:green}+1{color} | {color:green} unit {color} | {color:green} 0m 58s {color} | {color:green} hadoop-yarn-server-timeline-pluginstorage in the patch passed with JDK v1.7.0_95. {color} | | {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 22s {color} | {color:green} Patch does not generate ASF License warnings. {color} | | {color:black}{color} | {color:black} {color} | {color:black} 89m 24s {color} | {color:black} {color} | \\\| Reason \| Tests \| FindBugs | module:hadoop-common-project/hadoop-common | | Dead store to uri rather than field with same name in org.apache.hadoop.fs.local.RawFileSystem.initialize(URI, Configuration) At RawFileSystem.java:than field with same name in org.apache.hadoop.fs.local.RawFileSystem.initialize(URI, Configuration) At RawFileSystem.java:[line 41] | | Unwritten field:RawFileSystem.java:[line 46] | | FindBugs | module:hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common | | Dead store to scheme in new org.apache.hadoop.yarn.client.api.impl.FileSystemTimelineWriter(Configuration, UserGroupInformation, Client, URI) At FileSystemTimelineWriter.java:new org.apache.hadoop.yarn.client.api.impl.FileSystemTimelineWriter(Configuration,

UserGroupInformation, Client, URI) At FileSystemTimelineWriter.java:[line 125] | \ \ \ | Subsystem | Report/Notes | | Docker | Image:yetus/hadoop:0ca8df7 | | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12789573/YARN-4696-007.patch | | JIRA Issue | YARN-4696 | | Optional Tests | asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle | | uname | Linux 2e96146c5050 3.13.0-36-lowlatency #63-Ubuntu SMP PREEMPT Wed Sep 3 21:56:12 UTC 2014 x86_64 x86_64 x86_64 GNU/Linux | | Build tool | maven | | Personality | /testptch/hadoop/patchprocess/precommit/personality/provided.sh | | git revision | trunk / 3369a4f | | Default Java | 1.7.0_95 | | Multi-JDK versions | /usr/lib/jvm/java-8-oracle:1.8.0_72 /usr/lib/jvm/java-7-openjdk-amd64:1.7.0_95 | | findbugs | v3.0.0 | | findbugs | https://builds.apache.org/job/PreCommit-YARN-Build/10624/artifact/patchprocess/branch-findbugs-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-timeline-pluginstorage-warnings.html | | checkstyle | https://builds.apache.org/job/PreCommit-YARN-Build/10624/artifact/patchprocess/diff-checkstyle-root.txt | | findbugs | https://builds.apache.org/job/PreCommit-YARN-Build/10624/artifact/patchprocess/new-findbugs-hadoop-common-project_hadoop-common.html | | findbugs | https://builds.apache.org/job/PreCommit-YARN-Build/10624/artifact/patchprocess/new-findbugs-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-common.html | | JDK v1.7.0_95 Test Results | https://builds.apache.org/job/PreCommit-YARN-Build/10624/testReport/ | | modules | C: hadoop-common-project/hadoop-common hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-applicationhistoryservice hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-timeline-pluginstorage U: . | | Console output | https://builds.apache.org/job/PreCommit-YARN-Build/10624/console | | Powered by | Apache Yetus 0.2.0-SNAPSHOT http://yetus.apache.org | This message was automatically generated.

23. This is the 009 patch; the difference with 008 is it is correctly converting IllegalArgumentException to a BadRequestException with the nested stack trace. With this patch applied with the current YARN-4545 patch, I now successfully have # all tests against completed jobs working with file:// # tests needing to track incomplete jobs working with an HDFS minicluster. LocalFS isn't going to work as a destination for incomplete jobs, as it doesn't flush(). Nor will things like S3. That'll need documenting
24. (x) *{color:red}-1 overall{color:blue}0{color:blue} reexec {color:blue} 0m 14s {color:blue} Docker mode activated. {color:green}+1{color:green} @author {color:green} 0m 0s {color:green} The patch does not contain any @author tags. {color:green}+1{color:green} {color:green} test4tests {color:green} 0m 0s {color:green} The patch appears to include 1 new or modified test files. {color:blue}0{color:blue} mvndep {color:blue} 0m 11s {color:blue} Maven dependency ordering for branch {color:green}+1{color:green} mvninstall {color:green} 7m 22s {color:green} trunk passed {color:green}+1{color:green} compile {color:green} 2m 6s {color:green} trunk passed with JDK v1.8.0_72 {color:green}+1{color:green} compile {color:green} 2m 14s {color:green} trunk passed with JDK v1.7.0_95 {color:green}+1{color:green} checkstyle {color:green} 0m 35s {color:green} trunk passed {color:green}+1{color:green} mvnsite {color:green} 1m 17s {color:green} trunk passed {color:green}+1{color:green} mvnecclipse {color:green} 0m 40s {color:green} trunk passed {color:red}-1{color:red} findbugs {color:red} 0m 27s {color:red} hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-timeline-pluginstorage in trunk has 1 extant Findbugs warnings. {color:green}+1{color:green} javadoc {color:green} 0m 58s {color:green} trunk passed with JDK v1.8.0_72 {color:green}+1{color:green} javadoc {color:green} 1m 5s {color:green} trunk passed with JDK v1.7.0_95 {color:blue}0{color:blue} mvndep {color:blue} 0m 11s {color:blue} Maven dependency ordering for patch {color:green}+1{color:green} mvninstall {color:green} 1m 3s {color:green} the patch passed {color:green}+1{color:green} compile {color:green} 1m 59s {color:green} the patch passed with JDK v1.8.0_72 {color:green}+1{color:green} javac {color:green} 1m 59s {color:green} the patch passed {color:green}+1{color:green} compile {color:green} 2m 18s {color:green} the patch passed with JDK v1.7.0_95 {color:green}+1{color:green} javac {color:green} 2m 18s {color:green} the patch passed {color:red}-1{color:red} checkstyle {color:red} 0m 34s {color:red} hadoop-yarn-project/hadoop-yarn: patch generated 3 new + 29 unchanged - 0 fixed = 32 total (was 29) {color:green}+1{color:green} mvnsite {color:green} 1m 15s {color:green} the patch passed {color:green}+1{color:green} mvnecclipse {color:green} 0m 35s {color:green} the patch passed {color:green}+1{color:green} whitespace {color:green} 0m 0s {color:green} Patch has no whitespace issues. {color:red}-1{color:red} findbugs {color:red} 1m 25s {color:red} hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common generated 1 new + 0 unchanged - 0 fixed = 1 total (was 0) {color:green}+1{color:green} javadoc {color:green} 0m 53s {color:green} the patch passed with JDK v1.8.0_72 {color:green}+1{color:green} javadoc {color:green} 1m 1s {color:green} the patch passed with JDK v1.7.0_95 {color:green}+1{color:green} unit {color:green} 2m 3s {color:green} hadoop-yarn-common in the patch passed with JDK v1.8.0_72. {color:green}+1{color:green} unit {color:green} 3m 9s {color:green} hadoop-yarn-server-applicationhistoryservice in the patch passed with JDK v1.8.0_72. {color:green}+1{color:green} unit {color:green} 0m 49s {color:green} hadoop-yarn-server-timeline-pluginstorage in the patch passed with JDK v1.8.0_72. {color:green}+1{color:green} unit {color:green} 2m 17s {color:green} hadoop-yarn-common in the patch passed with JDK v1.7.0_95. {color:green}+1{color:green} unit {color:green} 3m 19s {color:green} hadoop-yarn-server-applicationhistoryservice in the patch passed with JDK v1.7.0_95. {color:green}+1{color:green} unit {color:green} 0m 53s {color:green} hadoop-yarn-server-timeline-pluginstorage in the patch passed with JDK v1.7.0_95. {color:green}+1{color:green} asflicense {color:green} 0m 20s {color:green} Patch does not generate ASF License warnings. {color:black} {color:black} 46m 7s {color:black} \ \ \ | Reason | Tests | | FindBugs | module:hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common | | Dead store to scheme in new org.apache.hadoop.yarn.client.api.impl.FileSystemTimelineWriter(Configuration, UserGroupInformation, Client, URI) At FileSystemTimelineWriter.java:new org.apache.hadoop.yarn.client.api.impl.FileSystemTimelineWriter(Configuration, UserGroupInformation, Client, URI) At FileSystemTimelineWriter.java:[line 129] | \ \ \ | Subsystem | Report/Notes | | Docker | Image:yetus/hadoop:0ca8df7 | | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12790578/YARN-4696-009.patch | | JIRA Issue | YARN-4696 | | Optional Tests | asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle | | uname | Linux fab16315ab40 3.13.0-36-lowlatency #63-Ubuntu SMP PREEMPT Wed Sep 3 21:56:12 UTC 2014 x86_64 x86_64 x86_64 GNU/Linux | | Build tool | maven | | Personality | /testptch/hadoop/patchprocess/precommit/personality/provided.sh | | git revision | trunk / 0fa54d4 | | Default Java | 1.7.0_95 | | Multi-JDK versions | /usr/lib/jvm/java-8-oracle:1.8.0_72 /usr/lib/jvm/java-7-openjdk-amd64:1.7.0_95 | | findbugs | v3.0.0 | | findbugs | https://builds.apache.org/job/PreCommit-YARN-Build/10667/artifact/patchprocess/branch-findbugs-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-timeline-pluginstorage-warnings.html | | checkstyle | https://builds.apache.org/job/PreCommit-YARN-Build/10667/artifact/patchprocess/diff-checkstyle-hadoop-yarn-project_hadoop-yarn.txt | | findbugs | https://builds.apache.org/job/PreCommit-YARN-Build/10667/artifact/patchprocess/new-findbugs-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-common.html | | JDK v1.7.0_95 Test Results | https://builds.apache.org/job/PreCommit-YARN-Build/10667/testReport/

|| modules | C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-applicationhistoryservice hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-timeline-pluginstorage U: hadoop-yarn-project/hadoop-yarn | | Console output | <https://builds.apache.org/job/PreCommit-YARN-Build/10667/console> | | Powered by | Apache Yetus 0.3.0-SNAPSHOT <http://yetus.apache.org> | This message was automatically generated.

25. YARN-4696 patch 010. Checkstyle warnings. The FileSystemTimelineWriter use FileSystem.newInstance() to create a new FS instance, with the chosen retry policies.

26. (x) *{color:red}-1 overall{color:blue}* || \ \ \ || Vote || Subsystem || Runtime || Comment || {color:blue}0{color:blue} | {color:blue} reexec {color:blue} | {color:blue} 0m 15s {color:blue} | {color:blue} Docker mode activated. {color:blue} | | {color:green}+1{color:green} | {color:green} @author {color:green} | {color:green} 0m 0s {color:green} | {color:green} The patch does not contain any @author tags. {color:green} | | {color:green}+1{color:green} | {color:green} test4tests {color:green} | {color:green} 0m 0s {color:green} | {color:green} The patch appears to include 1 new or modified test files. {color:green} | | {color:blue}0{color:blue} | {color:blue} mvndep {color:blue} | {color:blue} 0m 11s {color:blue} | {color:blue} Maven dependency ordering for branch {color:blue} | | {color:green}+1{color:green} | {color:green} mvninstall {color:green} | {color:green} 6m 28s {color:green} | {color:green} trunk passed {color:green} | | {color:green}+1{color:green} | {color:green} compile {color:green} | {color:green} 1m 42s {color:green} | {color:green} trunk passed with JDK v1.8.0_72 {color:green} | | {color:green}+1{color:green} | {color:green} compile {color:green} | {color:green} 2m 4s {color:green} | {color:green} trunk passed with JDK v1.7.0_95 {color:green} | | {color:green}+1{color:green} | {color:green} checkstyle {color:green} | {color:green} 0m 31s {color:green} | {color:green} trunk passed {color:green} | | {color:green}+1{color:green} | {color:green} mvnsite {color:green} | {color:green} 1m 14s {color:green} | {color:green} trunk passed {color:green} | | {color:green}+1{color:green} | {color:green} mvnecclipse {color:green} | {color:green} 0m 40s {color:green} | {color:green} trunk passed {color:green} | | {color:red}-1{color:red} | {color:red} findbugs {color:red} | {color:red} 0m 26s {color:red} | {color:red} hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-timeline-pluginstorage in trunk has 1 extant Findbugs warnings. {color:red} | | {color:green}+1{color:green} | {color:green} javadoc {color:green} | {color:green} 0m 52s {color:green} | {color:green} trunk passed with JDK v1.8.0_72 {color:green} | | {color:green}+1{color:green} | {color:green} javadoc {color:green} | {color:green} 1m 6s {color:green} | {color:green} trunk passed with JDK v1.7.0_95 {color:green} | | {color:blue}0{color:blue} | {color:blue} mvndep {color:blue} | {color:blue} 0m 10s {color:blue} | {color:blue} Maven dependency ordering for patch {color:blue} | | {color:green}+1{color:green} | {color:green} mvninstall {color:green} | {color:green} 0m 59s {color:green} | {color:green} the patch passed {color:green} | | {color:green}+1{color:green} | {color:green} compile {color:green} | {color:green} 1m 41s {color:green} | {color:green} the patch passed with JDK v1.8.0_72 {color:green} | | {color:green}+1{color:green} | {color:green} javac {color:green} | {color:green} 1m 41s {color:green} | {color:green} the patch passed {color:green} | | {color:green}+1{color:green} | {color:green} compile {color:green} | {color:green} 2m 3s {color:green} | {color:green} the patch passed with JDK v1.7.0_95 {color:green} | | {color:green}+1{color:green} | {color:green} javac {color:green} | {color:green} 2m 3s {color:green} | {color:green} the patch passed {color:green} | | {color:red}-1{color:red} | {color:red} checkstyle {color:red} | {color:red} 0m 30s {color:red} | {color:red} hadoop-yarn-project/hadoop-yarn: patch generated 1 new + 29 unchanged - 0 fixed = 30 total (was 29) {color:red} | | {color:green}+1{color:green} | {color:green} mvnsite {color:green} | {color:green} 1m 8s {color:green} | {color:green} the patch passed {color:green} | | {color:green}+1{color:green} | {color:green} mvnecclipse {color:green} | {color:green} 0m 35s {color:green} | {color:green} the patch passed {color:green} | | {color:green}+1{color:green} | {color:green} whitespace {color:green} | {color:green} 0m 0s {color:green} | {color:green} Patch has no whitespace issues. {color:green} | | {color:red}-1{color:red} | {color:red} findbugs {color:red} | {color:red} 1m 21s {color:red} | {color:red} hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common generated 1 new + 0 unchanged - 0 fixed = 1 total (was 0) {color:red} | | {color:green}+1{color:green} | {color:green} javadoc {color:green} | {color:green} 0m 47s {color:green} | {color:green} the patch passed with JDK v1.8.0_72 {color:green} | | {color:green}+1{color:green} | {color:green} javadoc {color:green} | {color:green} 1m 0s {color:green} | {color:green} the patch passed with JDK v1.7.0_95 {color:green} | | {color:green}+1{color:green} | {color:green} unit {color:green} | {color:green} 1m 51s {color:green} | {color:green} hadoop-yarn-common in the patch passed with JDK v1.8.0_72. {color:green} | | {color:green}+1{color:green} | {color:green} unit {color:green} | {color:green} 3m 37s {color:green} | {color:green} hadoop-yarn-server-applicationhistoryservice in the patch passed with JDK v1.8.0_72. {color:green} | | {color:green}+1{color:green} | {color:green} unit {color:green} | {color:green} 0m 50s {color:green} | {color:green} hadoop-yarn-server-timeline-pluginstorage in the patch passed with JDK v1.8.0_72. {color:green} | | {color:green}+1{color:green} | {color:green} unit {color:green} | {color:green} 2m 9s {color:green} | {color:green} hadoop-yarn-common in the patch passed with JDK v1.7.0_95. {color:green} | | {color:green}+1{color:green} | {color:green} unit {color:green} | {color:green} 3m 49s {color:green} | {color:green} hadoop-yarn-server-applicationhistoryservice in the patch passed with JDK v1.7.0_95. {color:green} | | {color:green}+1{color:green} | {color:green} unit {color:green} | {color:green} 0m 56s {color:green} | {color:green} hadoop-yarn-server-timeline-pluginstorage in the patch passed with JDK v1.7.0_95. {color:green} | | {color:green}+1{color:green} | {color:green} asflicense {color:green} | {color:green} 0m 18s {color:green} | {color:green} Patch does not generate ASF License warnings. {color:green} | | {color:black}{color:black} | {color:black}{color:black} | {color:black} 43m 39s {color:black} | | \ \ \ || Reason || Tests || FindBugs | module:hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common || | Dead store to scheme in new org.apache.hadoop.yarn.client.api.impl.FileSystemTimelineWriter(Configuration, UserGroupInformation, Client, URI) At FileSystemTimelineWriter.java: new org.apache.hadoop.yarn.client.api.impl.FileSystemTimelineWriter(Configuration, UserGroupInformation, Client, URI) At FileSystemTimelineWriter.java: [line 129] | | \ \ \ || Subsystem || Report/Notes || | Docker | Image: yetus/hadoop:0ca8df7 | | JIRA Patch URL | <https://issues.apache.org/jira/secure/attachment/12790719/YARN-4696-010.patch> | | JIRA Issue | YARN-4696 | | Optional Tests | asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle | | uname | Linux ce5eb07133db 3.13.0-36-lowlatency #63-Ubuntu SMP PREEMPT Wed Sep 3 21:56:12 UTC 2014 x86_64 x86_64 x86_64 GNU/Linux | | Build tool | maven | | Personality | /testptch/hadoop/patchprocess/precommit/personality/provided.sh | | git revision | trunk / d251e55 | | Default Java | 1.7.0_95 | | Multi-JDK versions | /usr/lib/jvm/java-8-oracle:1.8.0_72 /usr/lib/jvm/java-7-openjdk-amd64:1.7.0_95 | | findbugs | v3.0.0 | | findbugs | https://builds.apache.org/job/PreCommit-YARN-Build/10677/artifact/patchprocess/branch-findbugs-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-timeline-pluginstorage-warnings.html | | checkstyle | https://builds.apache.org/job/PreCommit-YARN-Build/10677/artifact/patchprocess/diff-checkstyle-hadoop-yarn-project_hadoop-yarn.txt | | findbugs | https://builds.apache.org/job/PreCommit-YARN-Build/10677/artifact/patchprocess/new-findbugs-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-common.html | | JDK v1.7.0_95 Test Results | <https://builds.apache.org/job/PreCommit-YARN-Build/10677/testReport/> | | modules | C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-applicationhistoryservice hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-timeline-pluginstorage U: hadoop-yarn-project/hadoop-yarn | | Console output | <https://builds.apache.org/job/PreCommit-YARN-Build/10677/console> | | Powered by | Apache Yetus 0.3.0-SNAPSHOT <http://yetus.apache.org> | This message was automatically generated.

27. Findbugs is in code to determine scheme. It's correct; this is no longer needed once {{FileSystem.newInstance()}} is used to instantiate a new instance of an FS

28. Patch 012. This is what I've been successfully using in tests —giving up trying to have incomplete apps if the FS is LocalFileSystem, and instead using a MiniHDFScluster for those test cases. The tests all work. This is ready for review and ideally, getting into 2.8

29. I should add that now I've started with some scale tests, my tests can't do a {{GET entity_type/appemptID}} and get more than about 750 events back. Is there an official upper limit on the number of events a single attempt can create? Or is this a limit in the web API? If it's the latter, is there a way we can do windowing here, otherwise you can't store large histories, even with the new store.

30. ignore the comment about numbers for now, something publish-side that I need to analyse more

31. Thanks [~stevell@apache.org] for the work! Mostly LGTM, only a few nits: FileSystemTimelineWriter.java - TIMELINE_SERVICE_ENTITYFILE_FS_SUPPORT_APPEND move to YarnConfiguration? - Why LogFDsCache#flush was changed into synchronized? I believe we're doing fine-grained locking here (with each of the FDs), and only flush in LogFDsCache is marked as

- synchronized? What am I missing here? cc/[~xgong] TimelineWriter.java - Not sure if "Direct timeline writer" is clear enough to indicate where the data goes to and which pattern the writer is following? By saying "direct" here, do we mean we're using a write-through strategy? EntityGroupFSTimelineStore.java - In scanActiveLogs, the new variable "scanned" looks like a little bit confusing: when we return the variable scanned, the actual scanning jobs are not guaranteed to be done. So it looks like something "to be scanned" when we return? My only concern is this naming may give people false indication that by the time this method returns, there are a number of logs that are already scanned. This also applies to EntityLogScanner.
32. Reformatting the previous comment: FileSystemTimelineWriter.java - TIMELINE_SERVICE_ENTITYFILE_FS_SUPPORT_APPEND move to YarnConfiguration? - Why LogFDsCache#flush was changed into synchronized? I believe we're doing fine-grained locking here (with each of the FDs), and only flush in LogFDsCache is marked as synchronized? What am I missing here? TimelineWriter.java - Not sure if "Direct timeline writer" is clear enough to indicate where the data goes to and which pattern the writer is following? By saying "direct" here, do we mean we're using a write-through strategy? EntityGroupFSTimelineStore.java - In scanActiveLogs, the new variable "scanned" looks like a little bit confusing: when we return the variable scanned, the actual scanning jobs are not guaranteed to be done. So it looks like something "to be scanned" when we return? My only concern is this naming may give people false indication that by the time this method returns, there are a number of logs that are already scanned. This also applies to EntityLogScanner.
33. BTW, I managed to create an exception in scale tests; when the file:// fs did eventually flush, a checksum exception was raised on the read {code} 2016-03-08 12:01:21,991 [EntityLogPluginWorker #2] INFO org.apache.hadoop.fs.FSInputChecker (FSInputChecker.java:readChecksumChunk(308)) - Found checksum error: b[1802, 1802]= org.apache.hadoop.fs.ChecksumException: Checksum error: file:/Users/stevell/Projects/Hortonworks/Projects/sparkwork/spark-timeline-integration/target/tmp/integration/ats/active/application_1111_0000/appattempt_1111_0000_000000/summarylog-appattempt_1111_0000_000000_1457438447660 at 13106176 at org.apache.hadoop.fs.ChecksumFileSystem\$ChecksumFSInputChecker.readChunk(ChecksumFileSystem.java:258) at org.apache.hadoop.fs.FSInputChecker.readChecksumChunk(FSInputChecker.java:299) at org.apache.hadoop.fs.FSInputChecker.read1(FSInputChecker.java:251) at org.apache.hadoop.fs.FSInputChecker.read(FSInputChecker.java:196) at java.io.DataInputStream.read(DataInputStream.java:149) at org.codehaus.jackson.impl.Utf8StreamParser.loadMore(Utf8StreamParser.java:172) at org.codehaus.jackson.impl.Utf8StreamParser._decodeEscaped(Utf8StreamParser.java:2515) at org.codehaus.jackson.impl.Utf8StreamParser._finishString2(Utf8StreamParser.java:1949) at org.codehaus.jackson.impl.Utf8StreamParser._finishString(Utf8StreamParser.java:1905) at org.codehaus.jackson.impl.Utf8StreamParser.getText(Utf8StreamParser.java:276) at org.codehaus.jackson.map.deser.std.UntypedObjectDeserializer.deserialize(UntypedObjectDeserializer.java:59) at org.codehaus.jackson.map.deser.std.UntypedObjectDeserializer.mapObject(UntypedObjectDeserializer.java:218) at org.codehaus.jackson.map.deser.std.UntypedObjectDeserializer.deserialize(UntypedObjectDeserializer.java:47) at org.codehaus.jackson.map.deser.std.MapDeserializer._readAndBind(MapDeserializer.java:319) at org.codehaus.jackson.map.deser.std.MapDeserializer.deserialize(MapDeserializer.java:263) at org.codehaus.jackson.map.deser.std.MapDeserializer.deserialize(MapDeserializer.java:33) at org.codehaus.jackson.map.deser.SettableBeanProperty\$SetterlessProperty.deserializeAndSet(SettableBeanProperty.java:511) at org.codehaus.jackson.map.deser.BeanDeserializer.deserializeFromObject(BeanDeserializer.java:697) at org.codehaus.jackson.map.deser.BeanDeserializer.deserialize(BeanDeserializer.java:580) at org.codehaus.jackson.map.deser.std.CollectionDeserializer.deserialize(CollectionDeserializer.java:217) at org.codehaus.jackson.map.deser.std.CollectionDeserializer.deserialize(CollectionDeserializer.java:194) at org.codehaus.jackson.map.deser.std.CollectionDeserializer.deserialize(CollectionDeserializer.java:30) at org.codehaus.jackson.map.deser.SettableBeanProperty.deserialize(SettableBeanProperty.java:299) at org.codehaus.jackson.map.deser.SettableBeanProperty\$MethodProperty.deserializeAndSet(SettableBeanProperty.java:414) at org.codehaus.jackson.map.deser.BeanDeserializer.deserializeFromObject(BeanDeserializer.java:697) at org.codehaus.jackson.map.deser.BeanDeserializer.deserialize(BeanDeserializer.java:580) at org.codehaus.jackson.map.MappingIterator.nextValue(MappingIterator.java:178) at org.codehaus.jackson.map.MappingIterator.next(MappingIterator.java:111) at org.apache.hadoop.yarn.server.timeline.EntityLogInfo.doParse(LogInfo.java:189) at org.apache.hadoop.yarn.server.timeline.LogInfo.parsePath(LogInfo.java:153) at org.apache.hadoop.yarn.server.timeline.LogInfo.parseForStore(LogInfo.java:112) at org.apache.hadoop.yarn.server.timeline.EntityGroupFSTimelineStore\$AppLogs.parseSummaryLogs(EntityGroupFSTimelineStore.java:589) at org.apache.hadoop.yarn.server.timeline.EntityGroupFSTimelineStore\$AppLogs.parseSummaryLogs(EntityGroupFSTimelineStore.java:565) at org.apache.hadoop.yarn.server.timeline.EntityGroupFSTimelineStore\$ActiveLogParser.run(EntityGroupFSTimelineStore.java:752) at java.util.concurrent.Executors\$RunnableAdapter.call(Executors.java:471) at java.util.concurrent.FutureTask.run(FutureTask.java:262) at java.util.concurrent.ScheduledThreadPoolExecutor\$ScheduledFutureTask.access\$201(ScheduledThreadPoolExecutor.java:178) at java.util.concurrent.ScheduledThreadPoolExecutor\$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:292) at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1145) at java.util.concurrent.ThreadPoolExecutor\$Worker.run(ThreadPoolExecutor.java:615) at java.lang.Thread.run(Thread.java:745) {code}
34. Patch -013, "special scale edition" # the various log enum & check executors now exit if, between files, the executor terminates. This appears to reduce the reoccurrence of YARN-4772 and leveledb problems. # ordering of test setup changed to apply FS between {{EntityGroupFSTimelineStore}} init and start of work; {{EntityGroupFSTimelineStore}} modified to support this.
35. hi, I'll reply to these later; the current patches don't address them.
36. | (x) *{color:red}-1 overall {color}* | \\\| \| Vote \| Subsystem \| Runtime \| Comment \| | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 16s {color} | {color:blue} Docker mode activated. {color} | | {color:green}+1{color} | {color:green} @author {color} | {color:green} 0m 0s {color} | {color:green} The patch does not contain any @author tags. {color} | | {color:green}+1{color} | {color:green} test4tests {color} | | {color:green} 0m 0s {color} | {color:green} The patch appears to include 2 new or modified test files. {color} | | {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 13s {color} | {color:blue} Maven dependency ordering for branch {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 9m 15s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 4m 6s {color} | {color:green} trunk passed with JDK v1.8.0_74 {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 3m 7s {color} | {color:green} trunk passed with JDK v1.7.0_95 {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 45s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 1m 35s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} mvnecclipse {color} | {color:green} 0m 46s {color} | {color:green} trunk passed {color} | | {color:red}-1{color} | {color:red} findbugs {color} | {color:red} 0m 31s {color} | {color:red} hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-timeline-pluginstorage in trunk has 1 extant Findbugs warnings.

{color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 28s {color} | {color:green} trunk passed with JDK v1.8.0_74 {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 17s {color} | {color:green} trunk passed with JDK v1.7.0_95 {color} || {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 11s {color} | {color:blue} Maven dependency ordering for patch {color} || {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 1m 22s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 3m 23s {color} | {color:green} the patch passed with JDK v1.8.0_74 {color} || {color:green}+1{color} | {color:green} javac {color} | {color:green} 3m 23s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 2m 59s {color} | {color:green} the patch passed with JDK v1.7.0_95 {color} || {color:green}+1{color} | {color:green} javac {color} | {color:green} 2m 59s {color} | {color:green} the patch passed {color} || {color:red}-1{color} | {color:red} checkstyle {color} | {color:red} 0m 42s {color} | {color:red} hadoop-yarn-project/hadoop-yarn: patch generated 3 new + 30 unchanged - 0 fixed = 33 total (was 30) {color} || {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 1m 32s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} mvnecclipse {color} | {color:green} 0m 47s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} whitespace {color} | {color:green} 0m 0s {color} | {color:green} Patch has no whitespace issues. {color} || {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 3m 45s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 27s {color} | {color:green} the patch passed with JDK v1.8.0_74 {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 16s {color} | {color:green} the patch passed with JDK v1.7.0_95 {color} || {color:green}+1{color} | {color:green} unit {color} | {color:green} 2m 43s {color} | {color:green} hadoop-yarn-common in the patch passed with JDK v1.8.0_74. {color} || {color:green}+1{color} | {color:green} unit {color} | {color:green} 4m 36s {color} | {color:green} hadoop-yarn-server-applicationhistoryservice in the patch passed with JDK v1.8.0_74. {color} || {color:green}+1{color} | {color:green} unit {color} | {color:green} 1m 5s {color} | {color:green} hadoop-yarn-server-timeline-pluginstorage in the patch passed with JDK v1.8.0_74. {color} || {color:green}+1{color} | {color:green} unit {color} | {color:green} 2m 31s {color} | {color:green} hadoop-yarn-common in the patch passed with JDK v1.7.0_95. {color} || {color:green}+1{color} | {color:green} unit {color} | {color:green} 4m 3s {color} | {color:green} hadoop-yarn-server-applicationhistoryservice in the patch passed with JDK v1.7.0_95. {color} || {color:green}+1{color} | {color:green} unit {color} | {color:green} 1m 2s {color} | {color:green} hadoop-yarn-server-timeline-pluginstorage in the patch passed with JDK v1.7.0_95. {color} || {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 25s {color} | {color:green} Patch does not generate ASF License warnings. {color} || {color:black}{color} | {color:black} {color} | {color:black} 61m 14s {color} | {color:black} {color} | \\\| Subsystem || Report/Notes || Docker | Image:yetus/hadoop:0ca8df7 || JIRA Patch URL | <https://issues.apache.org/jira/secure/attachment/12792079/YARN-4696-013.patch> || JIRA Issue | YARN-4696 || Optional Tests | asflicense compile javac javadoc mvninstall mvnecclipse unit findbugs checkstyle || uname | Linux d52e7988deb8 3.13.0-36-lowlatency #63-Ubuntu SMP PREEMPT Wed Sep 3 21:56:12 UTC 2014 x86_64 x86_64 x86_64 GNU/Linux || Build tool | maven || Personality | /testptch/hadoop/patchprocess/precommit/personality/provided.sh || git revision | trunk / 0233d4e || Default Java | 1.7.0_95 || Multi-JDK versions | /usr/lib/jvm/java-8-oracle:1.8.0_74 /usr/lib/jvm/java-7-openjdk-amd64:1.7.0_95 || findbugs | v3.0.0 || findbugs | https://builds.apache.org/job/PreCommit-YARN-Build/10725/artifact/patchprocess/branch-findbugs-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-timeline-pluginstorage-warnings.html || checkstyle | https://builds.apache.org/job/PreCommit-YARN-Build/10725/artifact/patchprocess/diff-checkstyle-hadoop-yarn-project_hadoop-yarn.txt || JDK v1.7.0_95 Test Results | <https://builds.apache.org/job/PreCommit-YARN-Build/10725/testReport/> || modules | C: hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-applicationhistoryservice hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-timeline-pluginstorage U: hadoop-yarn-project/hadoop-yarn || Console output | <https://builds.apache.org/job/PreCommit-YARN-Build/10725/console> || Powered by | Apache Yetus 0.2.0 <http://yetus.apache.org> | This message was automatically generated.

37. Patch -014; address feedback h3. {{FileSystemTimelineWriter.java}} bq. `TIMELINE_SERVICE_ENTITYFILE_FS_SUPPORT_APPEND` move to `YarnConfiguration?` done bq. Why `LogFDsCache#flush` was changed into `synchronized`? I believe we're doing fine-grained locking here (with each of the FDs), and only flush in `LogFDsCache` is marked as `synchronized`? What am I missing here? I'm not sure now, I think I was worried about two `flush()` calls at the same time. I've taken it out. h3. {{TimelineWriter.java}} bq. Not sure if "Direct timeline writer" is clear enough to indicate where the data goes to and which pattern the writer is following? By saying "direct" here, do we mean we're using a write-through strategy? I'd meant not going via the FS, but yes, utterly uninformative, especially given we have the URL of the endpoint. Now {{"Timeline writer posting to " + resURI}} h3. {{EntityGroupFSTimelineStore.java}} bq. In `scanActiveLogs`, the new variable "scanned" looks like a little bit confusing: when we return the variable scanned, the actual scanning jobs are not guaranteed to be done. So it looks like something "to be scanned" when we return? My only concern is this naming may give people false indication that by the time this method returns, there are a number of logs that are already scanned. This also applies to `EntityLogScanner` now {{logsToScanCount}}

38. (x) *{color:red}-1 overall{color}* | \\\| Vote || Subsystem || Runtime || Comment || {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 16s {color} | {color:blue} Docker mode activated. {color} || {color:green}+1{color} | {color:green} @author {color} | {color:green} 0m 0s {color} | {color:green} The patch does not contain any @author tags. {color} || {color:green}+1{color} | {color:green} test4tests {color} | {color:green} 0m 0s {color} | {color:green} The patch appears to include 2 new or modified test files. {color} || {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 11s {color} | {color:blue} Maven dependency ordering for branch {color} || {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 6m 45s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 2m 10s {color} | {color:green} trunk passed with JDK v1.8.0_74 {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 2m 15s {color} | {color:green} trunk passed with JDK v1.7.0_95 {color} || {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 38s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} mvnecclipse {color} | {color:green} 1m 42s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} mvnecclipse {color} | {color:green} 0m 50s {color} | {color:green} trunk passed {color} || {color:red}-1{color} | {color:red} findbugs {color} | {color:red} 0m 25s {color} | {color:red} hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-timeline-pluginstorage in trunk has 1 extant Findbugs warnings. {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 36s {color} | {color:green} trunk passed with JDK v1.8.0_74 {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 3m 57s {color} | {color:green} trunk passed with JDK v1.7.0_95 {color} || {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 11s {color} | {color:blue} Maven dependency ordering for patch {color} || {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 1m 22s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 1m 50s {color} | {color:green} the patch passed with JDK v1.8.0_74 {color} || {color:green}+1{color} | {color:green} javac {color} | {color:green} 1m 50s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 2m 4s {color} | {color:green} the patch passed with JDK v1.7.0_95 {color} || {color:green}+1{color} | {color:green} javac {color} | {color:green} 2m 4s {color} | {color:green} the patch passed {color} || {color:red}-1{color} | {color:red} checkstyle {color} | {color:red} 0m 33s {color} | {color:red} hadoop-yarn-project/hadoop-yarn: patch generated 4 new + 242 unchanged - 0 fixed = 246 total (was 242) {color} || {color:green}+1{color} | {color:green} mvnecclipse {color} | {color:green} 1m 33s {color} | {color:green} the patch passed {color}

- || {color:green}+1{color} | {color:green} mvnecclipse {color} | {color:green} 0m 45s {color} | {color:green} the patch passed {color} ||
{color:green}+1{color} | {color:green} whitespace {color} | {color:green} 0m 0s {color} | {color:green} Patch has no whitespace issues.
{color} || {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 4m 7s {color} | {color:green} the patch passed {color} |
| {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 28s {color} | {color:green} the patch passed with JDK
v1.8.0_74 {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 3m 56s {color} | {color:green} the patch
passed with JDK v1.7.0_95 {color} || {color:green}+1{color} | {color:green} unit {color} | {color:green} 0m 24s {color} | {color:green}
hadoop-yarn-api in the patch passed with JDK v1.8.0_74. {color} || {color:green}+1{color} | {color:green} unit {color} | {color:green}
1m 58s {color} | {color:green} hadoop-yarn-common in the patch passed with JDK v1.8.0_74. {color} || {color:green}+1{color} |
{color:green} unit {color} | {color:green} 2m 59s {color} | {color:green} hadoop-yarn-server-applicationhistoryservice in the patch passed
with JDK v1.8.0_74. {color} || {color:green}+1{color} | {color:green} unit {color} | {color:green} 0m 46s {color} | {color:green}
hadoop-yarn-server-timeline-pluginstorage in the patch passed with JDK v1.8.0_74. {color} || {color:green}+1{color} | {color:green} unit
{color} | {color:green} 0m 23s {color} | {color:green} hadoop-yarn-api in the patch passed with JDK v1.7.0_95. {color} ||
{color:green}+1{color} | {color:green} unit {color} | {color:green} 2m 11s {color} | {color:green} hadoop-yarn-common in the patch
passed with JDK v1.7.0_95. {color} || {color:green}+1{color} | {color:green} unit {color} | {color:green} 3m 10s {color} | {color:green}
hadoop-yarn-server-applicationhistoryservice in the patch passed with JDK v1.7.0_95. {color} || {color:green}+1{color} | {color:green}
unit {color} | {color:green} 0m 50s {color} | {color:green} hadoop-yarn-server-timeline-pluginstorage in the patch passed with JDK
v1.7.0_95. {color} || {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 19s {color} | {color:green} Patch does
not generate ASF License warnings. {color} || {color:black}{color} | {color:black} {color} | {color:black} 56m 5s {color} | {color:black}
{color} || \ \ \ || Subsystem || Report/Notes || Docker | Image:yetus/hadoop:0ca8df7 || JIRA Patch URL |
<https://issues.apache.org/jira/secure/attachment/12792330/YARN-4696-014.patch> || JIRA Issue | YARN-4696 || Optional Tests | asflicense
compile javac javadoc mvninstall mvnsite unit findbugs checkstyle || uname | Linux f4710ca50613 3.13.0-36-lowlatency #63-Ubuntu SMP
PREEMPT Wed Sep 3 21:56:12 UTC 2014 x86_64 x86_64 x86_64 GNU/Linux || Build tool | maven || Personality |
/testptch/hadoop/patchprocess/precommit/personality/provided.sh || git revision | trunk / 2e040d3 || Default Java | 1.7.0_95 || Multi-JDK
versions | /usr/lib/jvm/java-8-oracle:1.8.0_74 /usr/lib/jvm/java-7-openjdk-amd64:1.7.0_95 || findbugs | v3.0.0 || findbugs |
https://builds.apache.org/job/PreCommit-YARN-Build/10746/artifact/patchprocess/branch-findbugs-hadoop-yarn-project_hadoop-yarn_hadoop-yarn-server_hadoop-yarn-server-timeline-pluginstorage-warnings.html || checkstyle |
https://builds.apache.org/job/PreCommit-YARN-Build/10746/artifact/patchprocess/diff-checkstyle-hadoop-yarn-project_hadoop-yarn.txt ||
JDK v1.7.0_95 Test Results | <https://builds.apache.org/job/PreCommit-YARN-Build/10746/testReport/> || modules | C: hadoop-yarn-
project/hadoop-yarn/hadoop-yarn-api hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common hadoop-yarn-project/hadoop-yarn/hadoop-
yarn-server/hadoop-yarn-server-applicationhistoryservice hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-
timeline-pluginstorage U: hadoop-yarn-project/hadoop-yarn || Console output | <https://builds.apache.org/job/PreCommit-YARN-Build/10746/console> || Powered by | Apache Yetus 0.2.0 <http://yetus.apache.org> | This message was automatically generated.
39. Last patch LGTM. I believe that a volatile boolean would also do the work of the newly added `{{stopExecutors}}` (since we only read and write separately but never use CAS), but this is extremely minor so I'm fine with either one. I'll wait for about half a day and commit if there's no further concerns raised.
40. I'll commit this patch shortly.
41. I committed this patch into trunk, branch-2, and branch-2.8. Thanks [~stevell@apache.org] for the work!
42. FAILURE: Integrated in Hadoop-trunk-Commit #9448 (See [<https://builds.apache.org/job/Hadoop-trunk-Commit/9448/>]) YARN-4696.
Improving EntityGroupFSTimelineStore on exception handling, (gtcarrera9: rev d49cfb350454c2dfa2f3eb70f79b6d5030ce7bec) * hadoop-
yarn-project/hadoop-yarn/hadoop-yarn-api/src/main/java/org/apache/hadoop/yarn/conf/YarnConfiguration.java * hadoop-yarn-
project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-
applicationhistoryservice/src/main/java/org/apache/hadoop/yarn/server/timeline/webapp/TimelineWebServices.java * hadoop-yarn-
project/hadoop-yarn/hadoop-yarn-common/src/main/java/org/apache/hadoop/yarn/client/api/impl/TimelineWriter.java * hadoop-yarn-
project/hadoop-yarn/hadoop-yarn-common/src/main/java/org/apache/hadoop/yarn/client/api/impl/TimelineClientImpl.java * hadoop-yarn-
project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-timeline-
pluginstorage/src/main/java/org/apache/hadoop/yarn/server/timeline/LogInfo.java * hadoop-yarn-project/hadoop-yarn/hadoop-yarn-
server/hadoop-yarn-server-timeline-pluginstorage/src/main/java/org/apache/hadoop/yarn/server/timeline/EntityCacheItem.java * hadoop-
yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-timeline-
pluginstorage/src/main/java/org/apache/hadoop/yarn/server/timeline/EntityGroupFSTimelineStore.java * hadoop-yarn-project/hadoop-
yarn/hadoop-yarn-server/hadoop-yarn-server-timeline-
pluginstorage/src/test/java/org/apache/hadoop/yarn/server/timeline/TestEntityGroupFSTimelineStore.java * hadoop-yarn-project/hadoop-
yarn/hadoop-yarn-common/src/main/java/org/apache/hadoop/yarn/client/api/TimelineClient.java * hadoop-yarn-project/hadoop-
yarn/hadoop-yarn-common/src/main/java/org/apache/hadoop/yarn/client/api/impl/FileSystemTimelineWriter.java
43. FAILURE: Integrated in Hadoop-trunk-Commit #9450 (See [<https://builds.apache.org/job/Hadoop-trunk-Commit/9450/>]) YARN-4696.
Improving EntityGroupFSTimelineStore on exception handling, (gtcarrera9: rev 017d2c127b9cbd75d3e31467172ed832f27ef826) *
hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-timeline-
pluginstorage/src/test/java/org/apache/hadoop/yarn/server/timeline/TestOverrideTimelineStoreYarnClient.java