

Item 149

git_comments:

git_commits:

1. **summary:** HADOOP-10465. Fix use of generics within SortedMapWritable. Contributed by Bertrand Dechoux.
message: HADOOP-10465. Fix use of generics within SortedMapWritable. Contributed by Bertrand Dechoux.

github_issues:

github_issues_comments:

github_pulls:

github_pulls_comments:

github_pulls_reviews:

jira_issues:

1. **summary:** Fix use of generics within SortedMapWritable
description: SortedMapWritable could use Generics the right way so that there is no warning within the implementation and more important for the consumer.
2. **summary:** Fix use of generics within SortedMapWritable
description: SortedMapWritable could use Generics the right way so that there is no warning within the implementation and more important for the consumer.
label: test
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7. **summary:** Fix use of generics within SortedMapWritable
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label: code-design
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label: code-design

16. **summary:** Fix use of generics within SortedMapWritable

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jira_issues_comments:

1. Patch available and made from the trunk. It would be a sane foundation for other issues : MAPREDUCE-2816, HADOOP-5454, HADOOP-9295.
2. **body:** {color:red}-1 overall{color}. Here are the results of testing the latest attachment <http://issues.apache.org/jira/secure/attachment/12638990/HADOOP-10465-1.patch> against trunk revision . {color:green}+1 @author{color}. The patch does not contain any @author tags. {color:red}-1 tests included{color}. 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:red}-1 javac{color:red}. The patch appears to cause the build to fail. Console output: <https://builds.apache.org/job/PreCommit-HADOOP-Build/3747//console> This message is automatically generated.
label: test
3. All hadoop tests are not passing locally but the specific tests about SortedMapWritable have been fixed. The comparable bound was incorrect.
4. {color:red}-1 overall{color}. Here are the results of testing the latest attachment <http://issues.apache.org/jira/secure/attachment/12639020/HADOOP-10465-2.patch> against trunk revision . {color:green}+1 @author{color}. The patch does not contain any @author tags. {color:green}+1 tests included{color}. The patch appears to include 1 new or modified test files. {color:red}-1 javac{color:red}. The patch appears to cause the build to fail. Console output: <https://builds.apache.org/job/PreCommit-HADOOP-Build/3749//console> This message is automatically generated.
5. Might introduce source incompatibilities. That's the case here with hadoop-streaming.
6. {color:red}-1 overall{color}. Here are the results of testing the latest attachment <http://issues.apache.org/jira/secure/attachment/12639036/HADOOP-10465-3.patch> against trunk revision . {color:green}+1 @author{color}. The patch does not contain any @author tags. {color:green}+1 tests included{color}. The patch appears to include 1 new or modified test files. {color:red}-1 javac{color}. The applied patch generated 1485 javac compiler warnings (more than the trunk's current 1484 warnings). {color:green}+1 javadoc{color}. There were no new javadoc warning messages. {color:green}+1 eclipse:eclipse{color}. The patch built with eclipse:eclipse. {color:green}+1 findbugs{color}. The patch does not introduce any new Findbugs (version 1.3.9) warnings. {color:green}+1 release audit{color}. The applied patch does not increase the total number of release audit warnings. {color:green}+1 core tests{color}. The patch passed unit tests in hadoop-common-project/hadoop-common hadoop-tools/hadoop-streaming. {color:green}+1 contrib tests{color}. The patch passed contrib unit tests. Test results: <https://builds.apache.org/job/PreCommit-HADOOP-Build/3750//testReport/> Javac warnings: <https://builds.apache.org/job/PreCommit-HADOOP-Build/3750//artifact/trunk/patchprocess/diffJavacWarnings.txt> Console output: <https://builds.apache.org/job/PreCommit-HADOOP-Build/3750//console> This message is automatically generated.
7. **body:** Cleaning streaming code impacted by SortedMapWritable.
label: code-design
8. **body:** Hi Bertrand, I am new to Hadoop but would like to help contribute in anyway. I'd like to help test these patches. Could you please provide steps to reproduce / test these patches? I know how to install a

patch, just wondering what specific tests I should run on this. - Thanks

label: test

9. {color:green}+1 overall{color}. Here are the results of testing the latest attachment <http://issues.apache.org/jira/secure/attachment/12639060/HADOOP-10465-4.patch> against trunk revision . {color:green}+1 @author{color}. The patch does not contain any @author tags. {color:green}+1 tests included{color}. The patch appears to include 1 new or modified test files. {color:green}+1 javac{color}. The applied patch does not increase the total number of javac compiler warnings. {color:green}+1 javadoc{color}. There were no new javadoc warning messages. {color:green}+1 eclipse:eclipse{color}. The patch built with eclipse:eclipse. {color:green}+1 findbugs{color}. The patch does not introduce any new Findbugs (version 1.3.9) warnings. {color:green}+1 release audit{color}. The applied patch does not increase the total number of release audit warnings. {color:green}+1 core tests{color}. The patch passed unit tests in hadoop-common-project/hadoop-common hadoop-tools/hadoop-streaming. {color:green}+1 contrib tests{color}. The patch passed contrib unit tests. Test results: <https://builds.apache.org/job/PreCommit-HADOOP-Build/3752/testReport/> Console output: <https://builds.apache.org/job/PreCommit-HADOOP-Build/3752/console> This message is automatically generated.
10. \ \ | (x) *{color:red}-1 overall{color}* | \ \ \ \ || Vote || Subsystem || Runtime || Comment || |
{color:blue}0{color} | pre-patch | 14m 42s | Pre-patch trunk compilation is healthy. | |
{color:green}+1{color} | @author | 0m 0s | The patch does not contain any @author tags. | |
{color:green}+1{color} | tests included | 0m 0s | The patch appears to include 1 new or modified test files. | | {color:green}+1{color} | javac | 7m 29s | There were no new javac warning messages. | |
{color:green}+1{color} | javadoc | 9m 42s | There were no new javadoc warning messages. | |
{color:green}+1{color} | release audit | 0m 22s | The applied patch does not increase the total number of release audit warnings. | | {color:red}-1{color} | checkstyle | 1m 19s | The applied patch generated 3 new checkstyle issues (total was 6, now 6). | | {color:red}-1{color} | whitespace | 0m 0s | The patch has 3 line(s) that end in whitespace. Use git apply --whitespace=fix. | | {color:green}+1{color} | install | 1m 31s | mvn install still works. | | {color:green}+1{color} | eclipse:eclipse | 0m 34s | The patch built with eclipse:eclipse. | | {color:green}+1{color} | findbugs | 2m 17s | The patch does not introduce any new Findbugs (version 2.0.3) warnings. | | {color:green}+1{color} | common tests | 22m 46s | Tests passed in hadoop-common. | | {color:green}+1{color} | tools/hadoop tests | 6m 8s | Tests passed in hadoop-streaming. | | | 67m 1s | \ \ \ \ || Subsystem || Report/Notes || | Patch URL |
<http://issues.apache.org/jira/secure/attachment/12639060/HADOOP-10465-4.patch> | | Optional Tests |
javadoc javac unit findbugs checkstyle | | git revision | trunk / 6ae2a0d | | checkstyle |
<https://builds.apache.org/job/PreCommit-HADOOP-Build/6425/artifact/patchprocess/diffcheckstylehadoop-common.txt> | | whitespace |
<https://builds.apache.org/job/PreCommit-HADOOP-Build/6425/artifact/patchprocess/whitespace.txt> | |
hadoop-common test log | https://builds.apache.org/job/PreCommit-HADOOP-Build/6425/artifact/patchprocess/testrun_hadoop-common.txt | | hadoop-streaming test log |
https://builds.apache.org/job/PreCommit-HADOOP-Build/6425/artifact/patchprocess/testrun_hadoop-streaming.txt | | Test Results | <https://builds.apache.org/job/PreCommit-HADOOP-Build/6425/testReport/> |
| | Java | 1.7.0_55 | | uname | Linux asf900.gq1.ygridcore.net 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 | | Console output |
<https://builds.apache.org/job/PreCommit-HADOOP-Build/6425/console> | This message was automatically generated.
11. +1. Committing.
12. I've committed the patch to trunk and branch-2. Thanks [~bdechoux] for the contribution.
13. FAILURE: Integrated in Hadoop-trunk-Commit #8852 (See [<https://builds.apache.org/job/Hadoop-trunk-Commit/8852/>]) HADOOP-10465. Fix use of generics within SortedMapWritable. Contributed (wheat9: rev dc46c46b9123ddb37b972971d3a4f7424165795c) * hadoop-tools/hadoop-streaming/src/main/java/org/apache/hadoop/typedbytes/TypedBytesWritableOutput.java * hadoop-tools/hadoop-streaming/src/main/java/org/apache/hadoop/typedbytes/TypedBytesWritableInput.java * hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/io/TestSortedMapWritable.java * hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/io/SortedMapWritable.java * hadoop-common-project/hadoop-common/CHANGES.txt
14. FAILURE: Integrated in Hadoop-Mapreduce-trunk-Java8 #698 (See [<https://builds.apache.org/job/Hadoop-Mapreduce-trunk-Java8/698/>]) HADOOP-10465. Fix use of generics within SortedMapWritable. Contributed (wheat9: rev dc46c46b9123ddb37b972971d3a4f7424165795c) * hadoop-tools/hadoop-

- streaming/src/main/java/org/apache/hadoop/typedbytes/TypedBytesWritableInput.java * hadoop-common-project/hadoop-common/CHANGES.txt * hadoop-tools/hadoop-streaming/src/main/java/org/apache/hadoop/typedbytes/TypedBytesWritableOutput.java * hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/io/SortedMapWritable.java
15. FAILURE: Integrated in Hadoop-Mapreduce-trunk #2639 (See [<https://builds.apache.org/job/Hadoop-Mapreduce-trunk/2639/>]) HADOOP-10465. Fix use of generics within SortedMapWritable. Contributed (wheat9: rev dc46c46b9123ddb37b972971d3a4f7424165795c) * hadoop-common-project/hadoop-common/CHANGES.txt * hadoop-tools/hadoop-streaming/src/main/java/org/apache/hadoop/typedbytes/TypedBytesWritableOutput.java * hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/io/SortedMapWritable.java * hadoop-tools/hadoop-streaming/src/main/java/org/apache/hadoop/typedbytes/TypedBytesWritableInput.java * hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/io/SortedMapWritable.java
16. FAILURE: Integrated in Hadoop-Yarn-trunk-Java8 #710 (See [<https://builds.apache.org/job/Hadoop-Yarn-trunk-Java8/710/>]) HADOOP-10465. Fix use of generics within SortedMapWritable. Contributed (wheat9: rev dc46c46b9123ddb37b972971d3a4f7424165795c) * hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/io/SortedMapWritable.java * hadoop-tools/hadoop-streaming/src/main/java/org/apache/hadoop/typedbytes/TypedBytesWritableOutput.java * hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/io/SortedMapWritable.java * hadoop-common-project/hadoop-common/CHANGES.txt * hadoop-tools/hadoop-streaming/src/main/java/org/apache/hadoop/typedbytes/TypedBytesWritableInput.java
17. SUCCESS: Integrated in Hadoop-Yarn-trunk #1434 (See [<https://builds.apache.org/job/Hadoop-Yarn-trunk/1434/>]) HADOOP-10465. Fix use of generics within SortedMapWritable. Contributed (wheat9: rev dc46c46b9123ddb37b972971d3a4f7424165795c) * hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/io/SortedMapWritable.java * hadoop-tools/hadoop-streaming/src/main/java/org/apache/hadoop/typedbytes/TypedBytesWritableInput.java * hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/io/SortedMapWritable.java * hadoop-tools/hadoop-streaming/src/main/java/org/apache/hadoop/typedbytes/TypedBytesWritableOutput.java * hadoop-common-project/hadoop-common/CHANGES.txt
18. FAILURE: Integrated in Hadoop-Hdfs-trunk-Java8 #629 (See [<https://builds.apache.org/job/Hadoop-Hdfs-trunk-Java8/629/>]) HADOOP-10465. Fix use of generics within SortedMapWritable. Contributed (wheat9: rev dc46c46b9123ddb37b972971d3a4f7424165795c) * hadoop-tools/hadoop-streaming/src/main/java/org/apache/hadoop/typedbytes/TypedBytesWritableInput.java * hadoop-tools/hadoop-streaming/src/main/java/org/apache/hadoop/typedbytes/TypedBytesWritableOutput.java * hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/io/SortedMapWritable.java * hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/io/SortedMapWritable.java * hadoop-common-project/hadoop-common/CHANGES.txt
19. FAILURE: Integrated in Hadoop-Hdfs-trunk #2568 (See [<https://builds.apache.org/job/Hadoop-Hdfs-trunk/2568/>]) HADOOP-10465. Fix use of generics within SortedMapWritable. Contributed (wheat9: rev dc46c46b9123ddb37b972971d3a4f7424165795c) * hadoop-tools/hadoop-streaming/src/main/java/org/apache/hadoop/typedbytes/TypedBytesWritableInput.java * hadoop-common-project/hadoop-common/CHANGES.txt * hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/io/SortedMapWritable.java * hadoop-tools/hadoop-streaming/src/main/java/org/apache/hadoop/typedbytes/TypedBytesWritableOutput.java * hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/io/SortedMapWritable.java
20. This breaks HADOOP-13338. Hive does not compile against 2.8.0-SNAPSHOT. Given this is an incompatible change, I'm +1 for reverting it from branch-2 and branch-2.8. I'll revert it in Jul. 9 PDT if there are no objections.
21. Reverted this from branch-2 and branch-2.8.