

git_comments:

git_commits:

1. **summary:** HBASE-18001 Extend the "count" shell command to support specified conditions
message: HBASE-18001 Extend the "count" shell command to support specified conditions Signed-off-by: Chia-Ping Tsai <chia7712@gmail.com>

github_issues:

github_issues_comments:

github_pulls:

github_pulls_comments:

github_pulls_reviews:

jira_issues:

1. **summary:** Extend the "count" shell command to support specified conditions
description: shell command "count" can only count the number of rows in a table. And, it could not count the number of the specified conditions. Can we allow users to specified conditions like command "scan"? In that case, we can count the number of rows under any conditions.

jira_issues_comments:

1. Hi Guangxu, Today, thjere is no way to do that, but, indeed, might be interesting to add a "filter" parameter to the command. Is it something you are going to work on? JMS
2. [~jmospaggi] Thanks for the reviews. I think it is a very important option to specify the "startrow" and "stoprow". Can we add three parameters STARTROW, STOPROW and FILTER?
3. bq. Can we add three parameters STARTROW, STOPROW and FILTER? It is better to include the parameters COLUMNS.
4. We can go with STARTROW, STOPROW, FILTER and COLUMNS... [~andrewcheng] is this something you are going to work on?
5. {quote} We can go with STARTROW, STOPROW, FILTER and COLUMNS... Guangxu Cheng is this something you are going to work on? {quote} yep, I'm working on this. Thanks for your suggestion. patch will be coming soon.Thanks
6. I'm so sorry to submit the patch for so long. [~jmospaggi] [~chia7712] mind taking a look at it ? thanks
7. {code} - def _count_internal(interval = 1000, caching_rows = 10) + def _count_internal(interval = 1000, scan = nil) {code} Are users still able to pass on the size of cache to scan?
8. bq.Are users still able to pass on the size of cache to scan? {code} params = { 'INTERVAL' => 1000, 'CACHE' => 10 }.merge(params) scan = table._hash_to_scan(params) {code} {code} - count = table._count_internal(params['INTERVAL'].to_i, params['CACHE'].to_i) do |cnt, row| + count = table._count_internal(params['INTERVAL'].to_i, scan) do |cnt, row| {code} sure, parameter CACHE will be set to the scan by _hash_to_scan(params) in coueter.rb
9. {code} + else + scan.setFilter(org.apache.hadoop.hbase.filter.FilterList.new(+ org.apache.hadoop.hbase.filter.FilterList::Operator.valueOf('MUST_PASS_ALL'), + filter, + org.apache.hadoop.hbase.filter.FirstKeyOnlyFilter.new)) + end {code} We need to ensure that all filters have the same value of parameter "reversed". Otherwise, we may fail to build the new FilterList. (Although it doesn't make sense to specify the parameter "reversed" for counting.)
10. On the other hand, would you please trigger the QA? (I mean that you should click the "Submit Patch") Thanks.
11. v2 takes the suggestion from [~chia7712] Thanks
12. | (x) *{color:red}-1 overall{color}* | \\ \\ \\ Vote || Subsystem || Runtime || Comment || |
{color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 13m 37s {color} | {color:blue} Docker mode activated. {color} || {color:blue}0{color} | {color:blue} rubocop {color} | {color:blue} 0m 1s {color} | {color:blue} rubocop was not available. {color} || {color:blue}0{color} | {color:blue} ruby-lint

{color} | {color:blue} 0m 1s {color} | {color:blue} Ruby-lint was not available. {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:green}+1{color} | {color:green} mvninstall {color} |
{color:green} 3m 23s {color} | {color:green} master passed {color} | | {color:green}+1{color} |
{color:green} mvneclipse {color} | {color:green} 0m 15s {color} | {color:green} master passed {color} | |
{color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 8s {color} | {color:green}
master passed {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 0m
14s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green}
mvneclipse {color} | {color:green} 0m 16s {color} | {color:green} the patch passed {color} | |
{color:green}+1{color} | {color:green} whitespace {color} | {color:green} 0m 0s {color} | {color:green}
The patch has no whitespace issues. {color} | | {color:green}+1{color} | {color:green} hadoopcheck
{color} | {color:green} 28m 36s {color} | {color:green} Patch does not cause any errors with Hadoop
2.6.1 2.6.2 2.6.3 2.6.4 2.6.5 2.7.1 2.7.2 2.7.3 or 3.0.0-alpha2. {color} | | {color:green}+1{color} |
{color:green} javadoc {color} | {color:green} 0m 8s {color} | {color:green} the patch passed {color} | |
{color:green}+1{color} | {color:green} unit {color} | {color:green} 4m 49s {color} | {color:green}
hbase-shell in the patch passed. {color} | | {color:green}+1{color} | {color:green} asflicense {color} |
{color:green} 0m 6s {color} | {color:green} The patch does not generate ASF License warnings. {color} |
| {color:black}{color} | {color:black} {color} | {color:black} 51m 46s {color} | {color:black} {color} | \\
\\ || Subsystem || Report/Notes || Docker | Client=1.12.3 Server=1.12.3 Image:yetus/hbase:757bf37 | |
JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12868108/HBASE-18001-v2.patch | |
JIRA Issue | HBASE-18001 | | Optional Tests | asflicense javac javadoc unit rubocop ruby_lint | | uname |
Linux b3e5a707967c 3.13.0-106-generic #153-Ubuntu SMP Tue Dec 6 15:44:32 UTC 2016 x86_64
x86_64 x86_64 GNU/Linux | | Build tool | maven | | Personality | /home/jenkins/jenkins-
slave/workspace/PreCommit-HBASE-Build/component/dev-support/hbase-personality.sh | | git revision |
master / 341223d | | Default Java | 1.8.0_131 | | Test Results | https://builds.apache.org/job/PreCommit-
HBASE-Build/6791/testReport/ | | modules | C: hbase-shell U: hbase-shell | | Console output |
https://builds.apache.org/job/PreCommit-HBASE-Build/6791/console | | Powered by | Apache Yetus 0.3.0
http://yetus.apache.org | This message was automatically generated.

13. LGTM Do we have any UT against the count executed by Shell? [~jmspaggi] Any comments?

14. **body:** v3: Add a unit test.

label: test

15. | (/) *{color:green}+1 overall{color}* | \\\ || Vote || Subsystem || Runtime || Comment || |
{color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 14s {color} | {color:blue} Docker
mode activated. {color} | | {color:blue}0{color} | {color:blue} rubocop {color} | {color:blue} 0m 0s
{color} | {color:blue} rubocop was not available. {color} | | {color:blue}0{color} | {color:blue} ruby-lint
{color} | {color:blue} 0m 0s {color} | {color:blue} Ruby-lint was not available. {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:green}+1{color} | {color:green} mvninstall {color} | {color:green} 3m 18s
{color} | {color:green} master passed {color} | | {color:green}+1{color} | {color:green} mvneclipse
{color} | {color:green} 0m 16s {color} | {color:green} master passed {color} | | {color:green}+1{color} |
{color:green} javadoc {color} | {color:green} 0m 7s {color} | {color:green} master passed {color} | |
{color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 0m 15s {color} | {color:green}
the patch passed {color} | | {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green}
0m 16s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green}
whitespace {color} | {color:green} 0m 0s {color} | {color:green} The patch has no whitespace issues.
{color} | | {color:green}+1{color} | {color:green} hadoopcheck {color} | {color:green} 30m 16s {color} |
{color:green} Patch does not cause any errors with Hadoop 2.6.1 2.6.2 2.6.3 2.6.4 2.6.5 2.7.1 2.7.2 2.7.3
or 3.0.0-alpha2. {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 8s
{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} unit {color} |
{color:green} 5m 11s {color} | {color:green} hbase-shell in the patch passed. {color} | |
{color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 7s {color} | {color:green}
The patch does not generate ASF License warnings. {color} | | {color:black}{color} | {color:black}
{color} | {color:black} 40m 20s {color} | {color:black} {color} | \\\ || Subsystem || Report/Notes ||
Docker | Client=1.12.3 Server=1.12.3 Image:yetus/hbase:757bf37 | | JIRA Patch URL |

<https://issues.apache.org/jira/secure/attachment/12868543/HBASE-18001-v3.patch> | | JIRA Issue | HBASE-18001 | | Optional Tests | asflicense javac javadoc unit rubocop ruby_lint | | uname | Linux a3ad9ca0b078 4.4.0-43-generic #63-Ubuntu SMP Wed Oct 12 13:48:03 UTC 2016 x86_64 x86_64 x86_64 GNU/Linux | | Build tool | maven | | Personality | /home/jenkins/jenkins-slave/workspace/PreCommit-HBASE-Build@2/component/dev-support/hbase-personality.sh | | git revision | master / 62d7323 | | Default Java | 1.8.0_131 | | Test Results | <https://builds.apache.org/job/PreCommit-HBASE-Build/6825/testReport/> | | modules | C: hbase-shell U: hbase-shell | | Console output | <https://builds.apache.org/job/PreCommit-HBASE-Build/6825/console> | | Powered by | Apache Yetus 0.3.0 <http://yetus.apache.org> | This message was automatically generated.

16. UT looks good. [~chia7712] [~jmospaggi] Any other concerns? Thanks.
17. +1. I will commit it later.
18. Thanks for the patch. [~andrewcheng]
19. Thanks [~chia7712] and [~jmospaggi] for review.:)
20. FAILURE: Integrated in Jenkins build HBase-Trunk_matrix #3068 (See https://builds.apache.org/job/HBase-Trunk_matrix/3068/) HBASE-18001 Extend the "count" shell command to support specified (chia7712: rev 64c701768bb451f37f65bbf3c3126d71a6cd2133) * (edit) hbase-shell/src/main/ruby/hbase/table.rb * (edit) hbase-shell/src/test/ruby/hbase/table_test.rb * (edit) hbase-shell/src/main/ruby/shell/commands/count.rb