Item 164
git_comments:

1. referenced by the s3guard command
2. build a shellprofile for hadoop-aws optional tools

git_commits:

1. **summary:** HADOOP-14809. hadoop-aws shell profile not being built.
   message: HADOOP-14809. hadoop-aws shell profile not being built. Contributed by Allen Wittenauer,

github_issues:

github_issues_comments:

github_pulls:

github_pulls_comments:

github_pulls_reviews:

jira_issues:

1. **summary:** hadoop-aws shell profile not being built
   description: As discussed on hadoop common list; the creation of the s3guard shell profile is stopping the hadoop-aws profile being created, so you can't set up the CP properly there

jira_issues_comments:

1. **body:** Interesting little issue this: there's currently no tests that shell profiles get created in a dist release. It should be possible for a test in hadoop-diet/pom.xml to use an ant snippet to check for a list of files existing.. we can use this as the automated tests for all our shell profiles. That way: no need to test by hand & no regressions
   label: test
2. Hmm. Interesting. With a fresh .m2, at f07c7aa3af3508ba9d7bea252f827301e40e177e: {code} $ mvn clean ... $ cd hadoop-tools/hadoop-aws $ mvn -Pdist install -DskipTests ... [ERROR] Failed to execute goal org.apache.maven.plugins:maven-compiler-plugin:3.1:compile (default-compile) on project hadoop-aws: Compilation failure: Compilation failure: [ERROR] /Users/aw/shared-vmware/hadoop/hadoop-tools/hadoop-aws/src/main/java/org/apache/hadoop/fs/s3a/S3AEncryptionMethods.java:[23,32] package org.apache.commons.lang3 does not exist [ERROR] /Users/aw/shared-vmware/hadoop/hadoop-tools/hadoop-aws/src/main/java/org/apache/hadoop/fs/s3a/s3guard/PathMetadataDynamoDBTranslation.java:[36,32] package org.apache.commons.lang3 does not exist [ERROR] /Users/aw/shared-vmware/hadoop/hadoop-tools/hadoop-aws/src/main/java/org/apache/hadoop/fs/s3a/S3AInputStream.java:[41,39] package org.apache.commons.lang3 does not exist [ERROR] /Users/aw/shared-vmware/hadoop/hadoop-tools/hadoop-aws/src/main/java/org/apache/hadoop/fs/s3a/S3AInputStream.java:[41,1] static import only from classes and interfaces [ERROR] /Users/aw/shared-vmware/hadoop/hadoop-tools/hadoop-aws/src/main/java/org/apache/hadoop/fs/s3a/S3AEncryptionMethods.java:[57,8] cannot find symbol [ERROR] symbol: variable StringUtils [ERROR] location: class org.apache.hadoop.fs.s3a.S3AEncryptionMethods [ERROR] /Users/aw/shared-vmware/hadoop/hadoop-tools/hadoop-aws/src/main/java/org/apache/hadoop/fs/s3a/s3guard/PathMetadataDynamoDBTranslation.java:[255,34] cannot find symbol [ERROR] symbol: variable StringUtils [ERROR] location: class org.apache.hadoop.fs.s3a.s3guard.PathMetadataDynamoDBTranslation [ERROR] /Users/aw/shared-vmware/hadoop/hadoop-tools/hadoop-aws/src/main/java/org/apache/hadoop/fs/s3a/S3AInputStream.java:[114,33] cannot find symbol [ERROR] symbol: method isNotEmpty(java.lang.String) [ERROR] location: class org.apache.hadoop.fs.s3a.S3AInputStream [ERROR] /Users/aw/shared-vmware/hadoop/hadoop-tools/hadoop-aws/src/main/java/org/apache/hadoop/fs/s3a/S3AInputStream.java:[115,33] cannot find symbol [ERROR] symbol: method isNotEmpty(java.lang.String) [ERROR] location: class org.apache.hadoop.fs.s3a.S3AInputStream {code} That's a little... surprising.

3. **body:** -00: * remove the pom.xml collisions
   label: code-design
4. ooh, commons-lang variants. that is interesting. Also, let me submit the patch I did over the w/e. It doesn't appear to fix things...but it actually adds a check to the maven build to see if every expected profile is there. We don't need to test this stuff by hand, not when we we have machines to do our work After your patch runs through Jenkins I'll submit mine
5. | (x) *{color:red}-1 overall{color}* | \\ \\ || Vote || Subsystem || Runtime || Comment || | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 0s{color} | {color:blue} Docker mode activated. {color} | | {color:red}-1{color} | {color:red} patch {color} | {color:red} 0m 4s{color} | {color:red} HADOOP-14809 does not apply to trunk. Rebase required? Wrong Branch? See https://wiki.apache.org/hadoop/HowToContribute for help. {color} | \\ \\ || Subsystem || Report/Notes || | JIRA Issue | HADOOP-14809 | | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12884177/HADOOP-14809.00.patch | | Console output | https://builds.apache.org/job/PreCommit-HADOOP-Build/13119/console | | Powered by | Apache Yetus 0.6.0-SNAPSHOT http://yetus.apache.org | This message was automatically generated.
6. | (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:brown} Prechecks {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:brown} HADOOP-13345 Compile Tests {color} || | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 21m 34s{color} | {color:green} HADOOP-13345 passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 28s{color} | {color:green} HADOOP-13345 passed {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 0m 33s{color} | {color:green} HADOOP-13345 passed {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 20s{color} | {color:green} HADOOP-13345 passed {color} | || || || || {color:brown} Patch Compile Tests {color} || | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 0m 26s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 24s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} javac {color} | {color:green} 0m 24s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 0m 27s{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} xml {color} | {color:green} 0m 2s{color} | {color:green} The patch has no ill-formed XML file. {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 17s{color} | {color:green} the patch passed {color} | || || || || {color:brown} Other Tests {color} || | {color:green}+1{color} | {color:green} unit {color} | {color:green} 0m 49s{color} | {color:green} hadoop-aws in the patch passed. {color} | | {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 18s{color} | {color:green} The patch does not generate ASF License warnings. {color} | | {color:black}{color} | {color:black} {color} | {color:black} 26m 40s{color} | {color:black} {color} | \\ \\ || Subsystem || Report/Notes || | Docker | Image:yetus/hadoop:14b5c93 | | JIRA Issue | HADOOP-14809 | | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12884310/HADOOP-14809.HADOOP-13345.00.patch | | Optional Tests | asflicense compile javac javadoc mvninstall mvnsite unit xml | | uname | Linux 6b27bc8b5aa3 3.13.0-116-generic #163-Ubuntu SMP Fri Mar 31 14:13:22 UTC 2017 x86_64 x86_64 x86_64 GNU/Linux | | Build tool | maven | | Personality | /testptch/hadoop/patchprocess/precommit/personality/provided.sh | | git revision | HADOOP-13345 / f07c7aa | | Default Java | 1.8.0_144 | | Test Results | https://builds.apache.org/job/PreCommit-HADOOP-Build/13122/testReport/ | | modules | C: hadoop-tools/hadoop-aws U: hadoop-tools/hadoop-aws | | Console output | https://builds.apache.org/job/PreCommit-HADOOP-Build/13122/console | | Powered by | Apache Yetus 0.6.0-SNAPSHOT http://yetus.apache.org | This message was automatically generated.
7. Steve's patch comments out the 2nd entry in hadoop-aws/pom.xml and adds a test in hadoop-dist which scans the shellscript dir of the final output for all the listed entries being present. it's only kicking off in mvn verify; I think mvn-test is probably better, though I need to understand more when the packaging is being created. Key point: we can have yetus makes sure that the XML profiles we expect are being created. Indeed, with a second <condition> we can verify that only those we expect are created, forcing an update to the pom.xml and list of scripts to test for whenever a new one goes in

8. | (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:brown} Prechecks {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 1s{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:brown} HADOOP-13345 Compile Tests {color} || | {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 1m 53s{color} | {color:blue} Maven dependency ordering for branch {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 17m 31s{color} | {color:green} HADOOP-13345 passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 19m 28s{color} | {color:green} HADOOP-13345 passed {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 1m 13s{color} | {color:green} HADOOP-13345 passed {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 52s{color} | {color:green} HADOOP-13345 passed {color} | || || || || {color:brown} Patch Compile Tests {color} || | {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 20s{color} | {color:blue} Maven dependency ordering for patch {color} | | {color:red}-1{color} | {color:red} mvninstall {color} | {color:red} 0m 14s{color} | {color:red} hadoop-dist in the patch failed. {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 15m 28s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} javac {color} | {color:green} 15m 28s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 1m 17s{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} xml {color} | {color:green} 0m 4s{color} | {color:green} The patch has no ill-formed XML file. {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 51s{color} | {color:green} the patch passed {color} | || || || || {color:brown} Other Tests {color} || | {color:green}+1{color} | {color:green} unit {color} | {color:green} 0m 59s{color} | {color:green} hadoop-aws in the patch passed. {color} | | {color:green}+1{color} | {color:green} unit {color} | {color:green} 0m 21s{color} | {color:green} hadoop-dist in the patch passed. {color} | | {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 35s{color} | {color:green} The patch does not generate ASF License warnings. {color} | | {color:black}{color} | {color:black} {color} | {color:black} 63m 23s{color} | {color:black} {color} | \\ \\ || Subsystem || Report/Notes || | Docker | Image:yetus/hadoop:14b5c93 | | JIRA Issue | HADOOP-14809 | | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12884342/HADOOP-14809-HADOOP-13345-002.patch | | Optional Tests | asflicense compile javac javadoc mvninstall mvnsite unit xml | | uname | Linux 5e3c8bdf04df 3.13.0-116-generic #163-Ubuntu SMP Fri Mar 31 14:13:22 UTC 2017 x86_64 x86_64 x86_64 GNU/Linux | | Build tool | maven | | Personality | /testptch/hadoop/patchprocess/precommit/personality/provided.sh | | git revision | HADOOP-13345 / f07c7aa | | Default Java | 1.8.0_144 | | mvninstall | https://builds.apache.org/job/PreCommit-HADOOP-Build/13124/artifact/patchprocess/patch-mvninstall-hadoop-dist.txt | | Test Results | https://builds.apache.org/job/PreCommit-HADOOP-Build/13124/testReport/ | | modules | C: hadoop-tools/hadoop-aws hadoop-dist U: . | | Console output | https://builds.apache.org/job/PreCommit-HADOOP-Build/13124/console | | Powered by | Apache Yetus 0.6.0-SNAPSHOT http://yetus.apache.org | This message was automatically generated.

9. mvn failure was the verification script failing in the "verify" stage as there was now shellprofile dir {code} [echo] Looking in /testptch/hadoop/hadoop-dist/target/hadoop-3.0.0-beta1-SNAPSHOT/libexec/shellprofile.d [INFO] --- [INFO] BUILD FAILURE [INFO] --- [INFO] Total time: 8.672 s [INFO] Finished at: 2017-08-29T22:13:57+00:00 [INFO] Final Memory: 26M/323M [INFO] --- [ERROR] Failed to execute goal org.apache.maven.plugins:maven-antrun-plugin:1.7:run (verify shellprofiles) on project hadoop-dist: An Ant BuildException has occured: Not Shellprofile directory /testptch/hadoop/hadoop-dist/target/hadoop-3.0.0-beta1-SNAPSHOT/libexec/shellprofile.d [ERROR] around Ant part ...<fail message="Not Shellprofile directory /testptch/hadoop/hadoop-dist/target/hadoop-3.0.0-beta1-SNAPSHOT/libexec/shellprofile.d">... @ 5:133 in /testptch/hadoop/hadoop-dist/target/antrun/build-main.xml {code}

10. Patch 003: Allen's patch to hadoop-aws/pom.xml and my checks to hadoop-dist/pom.xml I can confirm Allen's patch restores the hadoop-aws.sh file, so am happy to +1 that patch. However I'd like to see if we

can get a test into the build so we can verify that it hasn't returned, which is what my bit of patch 003 tries to do. It's doing this in the "mvn verify" phase. Yetus didn't like it last time though...

11. | (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:brown} Prechecks {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:brown} HADOOP-13345 Compile Tests {color} || | {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 1m 40s{color} | {color:blue} Maven dependency ordering for branch {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 15m 42s{color} | {color:green} HADOOP-13345 passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 15m 0s{color} | {color:green} HADOOP-13345 passed {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 0m 50s{color} | {color:green} HADOOP-13345 passed {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 38s{color} | {color:green} HADOOP-13345 passed {color} | || || || || {color:brown} Patch Compile Tests {color} || | {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 15s{color} | {color:blue} Maven dependency ordering for patch {color} | | {color:red}-1{color} | {color:red} mvninstall {color} | {color:red} 0m 9s{color} | {color:red} hadoop-dist in the patch failed. {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 10m 40s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} javac {color} | {color:green} 10m 40s{color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} mvnsite {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} The patch has no whitespace issues. {color} | | {color:green}+1{color} | {color:green} xml {color} | {color:green} 0m 2s{color} | {color:green} The patch has no ill-formed XML file. {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 38s{color} | {color:green} the patch passed {color} | || || || || {color:brown} Other Tests {color} || | {color:green}+1{color} | {color:green} unit {color} | {color:green} 0m 45s{color} | {color:green} hadoop-aws in the patch passed. {color} | | {color:green}+1{color} | {color:green} unit {color} | {color:green} 0m 18s{color} | {color:green} hadoop-dist in the patch passed. {color} | | {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 28s{color} | {color:green} The patch does not generate ASF License warnings. {color} | | {color:black}{color} | {color:black} {color} | {color:black} 49m 46s{color} | {color:black} {color} | \\ \\ || Subsystem || Report/Notes || | Docker | Image:yetus/hadoop:14b5c93 | | JIRA Issue | HADOOP-14809 | | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12884544/HADOOP-14809-HADOOP-13345-003.patch | | Optional Tests | asflicense compile javac javadoc mvninstall mvnsite unit xml | | uname | Linux fd65d48aa325 3.13.0-117-generic #164-Ubuntu SMP Fri Apr 7 11:05:26 UTC 2017 x86_64 x86_64 x86_64 GNU/Linux | | Build tool | maven | | Personality | /testptch/hadoop/patchprocess/precommit/personality/provided.sh | | git revision | HADOOP-13345 / 6b18a5d | | Default Java | 1.8.0_144 | | mvninstall | https://builds.apache.org/job/PreCommit-HADOOP-Build/13139/artifact/patchprocess/patch-mvninstall-hadoop-dist.txt | | Test Results | https://builds.apache.org/job/PreCommit-HADOOP-Build/13139/testReport/ | | modules | C: hadoop-tools/hadoop-aws hadoop-dist U: . | | Console output | https://builds.apache.org/job/PreCommit-HADOOP-Build/13139/console | | Powered by | Apache Yetus 0.6.0-SNAPSHOT http://yetus.apache.org | This message was automatically generated.

12. I'm going to +1 AWS's patch and add a new JIRA for mine, "hadoop-dist build to verify that shell profiles are created"

13. +1 for the AWS patch; committing to the s3guard branch Verified by manual build, adding the aws module and then running {{./hadoop fs -ls s3a://landsat-pds/}} .