

git_comments:

git_commits:

1. **summary:** ZOOKEEPER-3719: Fix C Client compilation issues
message: ZOOKEEPER-3719: Fix C Client compilation issues This series fixes the following: * Actually build the C code in `full-build` profile: Without this, the C client is configured by Maven, but not built. This helps avoiding compilation errors, but has other downsides. * Fix Windows compilation issue: The backport of ZOOKEEPER-1105 introduced a compilation error in one of the `WIN32` branches of the C client code. This happened because the "socket object" does not use the same representation on `branch-3.5` (as it does not include the SSL support introduced by ZOOKEEPER-2122). * Fix GCC 8.3 compilation issues: `Makefile.am` uses `-Werror`, and this causes the build to fail with GCC 8.3, which warns about a couple possible buffer overruns. Author: Damien Diederer <dd@crosstwine.com> Reviewers: Enrico Olivelli <eolivelli@apache.org>, Norbert Kalmar <nkalmar@apache.org> Closes #1249 from ztzg/ZOOKEEPER-3719-c-client-3.5.7-fixes

github_issues:

github_issues_comments:

github_pulls:

1. **title:** ZOOKEEPER-3719: C Client compilation issues in 3.5.7-rc
body: This series fixes the following: * Actually build the C code in `full-build` profile: Without this, the C client is configured by Maven, but not built. This helps avoiding compilation errors, but has other downsides. * Fix Windows compilation issue: The backport of ZOOKEEPER-1105 introduced a compilation error in one of the `WIN32` branches of the C client code. This happened because the "socket object" does not use the same representation on `branch-3.5` (as it does not include the SSL support introduced by ZOOKEEPER-2122). * Fix GCC 8.3 compilation issues: `Makefile.am` uses `-Werror`, and this causes the build to fail with GCC 8.3, which warns about a couple possible buffer overruns.

github_pulls_comments:

1. (Note that the C code accidentally builds—at least partly—if one does not use `-DskipTests`, as the tests depend on it. I was puzzled not to find anything while iterating on the GCC build issues.) Pinging @symat as he can probably ack/review the Windows build fix.
2. Oh I have just seen the JIRA Please refer to it properly in the PR
3. @eolivelli: Ah, sorry; I got the commit headers right, but forgot to update the PR title.
4. The patch is against branch-3.5.7, so whoever commits, please make sure to cherry-pick to branch-3.5. (There's a pretty good chance this warning is for me :)) I'm testing the build, I have older version of GCC so issue did not show to me.
5. **body:** @nkalmar: Right; everything gets build and tested as long as you don't use `-DskipTests`... in which case it only configures, but doesn't build anything. Not the biggest issue, but it was a bit confusing :) I included the GCC fixes because I was hitting them on NixOS 19.09. Not a big issue either, though `-Werror` means that the build fails instead of just being noisy. As for the `WIN32` bit, that is a real regression. (But then I don't know how many people use the C client under Windows.) (Feel free to cherry-pick a subset of the patches; I won't mind.)
label: code-design
6. Merged to 3.5 and 3.5.7. Thanks @ztzg !
7. great, thanks @ztzg !

github_pulls_reviews:

1. Did you take this change from master?
2. Initially, yes. But it did not work as-is, because `master` uses `` and it seems the Maven plugins pulled by 3.5 are missing support for it—so I adapted it by cargo-culting (and later cleaning up) the surrounding stanzas.

jira_issues:

1. **summary:** C Client compilation issues in 3.5.7-rc

description: The C client included in {{release-3.5.7-rc0}} and {{release-3.5.7-rc1}} suffers from a few issues: # It configures, but "forgets" to build the C code in the {{full-build}} profile; # Compilation actually fails with GCC 8.3, as the the {{Makefile}} uses {{-Werror}} and the compiler detects a couple possible buffer overruns; # The {{WIN32}} branch of the code does not compile because of a change in socket representation. This should probably be set to "blocker," but I don't know if the C client is supposed to block a release. Oh, and the first issue, at least, also existed in 3.5.6—and it seems nobody complained :) A "pull request" is in the works.

jira_issues_comments: