Item 370

git_comments:

1. usually checked in writeAndFlush, but we have extra check because we need to release toSend.

git_commits:

1. **summary:** ISSUE #525: Refactor PerChannelBookieClient

message: ISSUE #525: Refactor PerChannelBookieClient There's a lot of duplicate code in PerChannelBookieClient, particularly in the completions. It makes it more difficult to add anything to the class. Concretely the patch: - Factors out common code from PCBC completions - Makes erroring out a member of completion classes - Refactors out writing and flushing messages, so all RPCs use same code path - Moves timeout handling into CompletionValue - Moves response handling into completions - Moves logging and status conversion into a common method Author: Ivan Kelly <ivan@ivankelly.net> Reviewers: Enrico Olivelli <eolivelli@apache.org>, Sijie Guo <sijie@apache.org> This closes #526 from ivankelly/refactor-pcbc, closes #525

label: code-design

github_issues:

1. **title:** PerChannelBookieClient is full of code duplication

body: This issue is to refactor PerChannelBookieClient to reduce code duplication and make it easier to add new RPCs and follow the code in general.

label: code-design

2. title: PerChannelBookieClient is full of code duplication

body: This issue is to refactor PerChannelBookieClient to reduce code duplication and make it easier to

add new RPCs and follow the code in general.

label: code-design

| github_issues_comments: |
|-------------------------|
| github_pulls: |
| github_pulls_comments: |
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| jira_issues_comments: |