Item 43
git_comments:

git_commits:

1. **summary:** MINOR: Prohibit setting StreamsConfig commit.interval.ms to a negative value (#5809)
   message: MINOR: Prohibit setting StreamsConfig commit.interval.ms to a negative value (#5809) Reviewers: Guozhang Wang <guozhang@confluent.io>, Matthias J. Sax <matthias@confluent.io>, Bill Bejeck <bill@confluent.io>

github_issues:

github_issues_comments:

github_pulls:

1. **title:** MINOR: Prohibit setting StreamsConfig commit.interval.ms to a negative value
   body: Prohibit setting StreamsConfig `commit.interval.ms` to a negative value to avoid possible ambiguity of what it indicates. So far, setting the property to a negative value can be used to turn off periodic offset-commit by `StreamThread`. With this change, that will no longer work. Instead of using a negative value, `LONG.MAX_VALUE` can be used to achieve the almost same thing. ### Committer Checklist (excluded from commit message) - [ ] Verify design and implementation - [ ] Verify test coverage and CI build status - [ ] Verify documentation (including upgrade notes)

github_pulls_comments:

1. We might be able to remove the check `interval >= 0`, but I'm not sure whether we can assume their value always come from `StreamsConfig`. So, I did not update the code.
   https://github.com/apache/kafka/blob/9951f8fee145ce10b5dccde665e160a5f4ff6d03/streams/src/main/java/org/apache/kafka/streams/processor/internals/StreamThre
   https://github.com/apache/kafka/blob/9951f8fee145ce10b5dccde665e160a5f4ff6d03/streams/src/main/java/org/apache/kafka/streams/processor/internals/GlobalStrea
2. @guozhangwang Could you review this?
3. It's a judgement call. I am fine with the change. We recently updated `KafkaStreams#close()` similarly. @occho I think it's save the remove the check `>= 0` in both classes. Can you update the code accordingly?
4. > @occho I think it's save the remove the check >= 0 in both classes. Can you update the code accordingly? Sure. Thank you for your advice. Updated.
5. Added a test.
6. Ah, wait, I need more fix.
7. Updated and rebased onto the latest trunk.
8. retest this please
9. Thank you for reviewing. :)

github_pulls_reviews:

1. nit: maybe keep this test but pass in `0` instead?
2. From my understanding, the test name is wrong and should be like `shouldNotFlushWhenFlushIntervalIsNegative`. The code that `shouldNotFlushWhenFlushIntervalIsZero` tests is about this line:
   https://github.com/apache/kafka/blob/74f686d3c24d06c977341cee7294f36e02cbc366/streams/src/main/java/org/apache/kafka/streams/processor/internals/GlobalStre
   With the code on trunk, when `flushInterval` is set to negative, `stateMaintainer.flushState()` is not called. But, since this spec is removed, I think it is okay to remove the test. WDYT?
3. Ack, thanks for the explanation. Sounds good to me.

jira_issues:

jira_issues_comments: