

git_comments:**git_commits:**

1. **summary:** Add cmd flag of retain key ordering (#8886)
message: Add cmd flag of retain key ordering (#8886) Signed-off-by: xiaolong.ran <rxl@apache.org>
 Fixes #6527 #### Motivation We already support `key_shared` mode on Pulsar Functions in #7647, However, this option is not exposed in the command line parameters, so users currently cannot use this function. #### Modifications In this pull request, we expose this cmd flag of `--retain-key-ordering` and add the docs for this. #### Verifying this change The original test can cover this option, so, in this change, no relevant code is added

github_issues:

1. **title:** Having a Key_Shared mode for functions
body: ****Is your feature request related to a problem? Please describe.**** As functions can manipulate states, race conditions may occur if multiple instance of the same function are processed in parallel and update state for the same key. ****Describe the solution you'd like**** having a Key_Shared mode for a function's instances - similar to Key_Shared subscription mode for consumers - would provide the guarantee that only one function instance would run at any time for a given key ****Describe alternatives you've considered**** Another solution could be to have transactions enabled for states, but i'm not sure it's even possible with BookKeeper. ****Additional context****
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github_issues_comments:

1. @sijie Hi, is adding key shared mode on the roadmap soon?
2. @Lanayx I think @wolfstudy is picking that up already.
3. Yes, we already support key_shared mode on pulsar functions in #7647.
4. That's great news!
5. **body:** Does it mean this issue should be closed with 2.7? Is there somewhere in the documentation explaining how to use it this feature?
label: documentation
6. > Does it mean this issue should be closed with 2.7? Yes, in 2.7.0, we can use this feature. > Is there somewhere in the documentation explaining how to use it this feature? @sijie It seems that we need to expose the corresponding parameters to users. Currently, when creating pulsar function, `--retain-key-ordering` is not exposed.
7. > @sijie It seems that we need to expose the corresponding parameters to users. Currently, when creating pulsar function, `--retain-key-ordering` is not exposed. Is there a turnaround to be able to use it? Is that enough to set `functionConfig.retainKeyOrdering = true` if using PulsarAdmin java?

github_pulls:

1. **title:** Add cmd flag of retain key ordering
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label: documentation

github_pulls_comments:

github_pulls_reviews:

jira_issues:

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