

<https://cloudshare/de952cbf-d67f-41c3-b734-5d244202cf6d>

does this code have any soundness issues?

but if the queue is not empty according to the `cached_tail`, then won't any previous writes to the data be stale? The fence in the else branch was to catch that scenario





Summary

*The code is sound (it will work correctly), but the acquire fence in the **else** branch is redundant and can be removed. The synchronization is already established by the acquire fence that was executed when **cached_tail** was originally loaded.*

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