

- you don't need nutex
- you can write and read at the same time.
- interupt service routine is not allowed to lock the mutex but thread is

of 2 re-position pointer (2) and (B)

(4) if you do (B) re-position pointer first, the reader may misunderstand and keep reading, up to "black" block, even up to "vite data" block and end at (B): re-position pointer