

Description of writers-readers problem

Reader:

- If there are active writers, the reader has to wait (writers have priority)
- Otherwise, the reader can read (along with other readers)

Writer:

- If there are active readers or writers, this writer has to wait (everyone has to finish before writer can update database)
- Otherwise, this writer can write (and has exclusive access to database)
- When the writer finishes,
 - > (first choice) If there are waiting writers, it must wake one up (writers have priority)
 - > (second choice) If there are waiting readers, it must wake one up