



Producer Semaphore

= new Semaphore(n)

producer.release

consumer Semaphore.acquire()

{ queue operations happening here }

producer Semaphore.release()

Consumer Semaphore = (0)

mutex = new Semaphore(1);

producer sema

producer.

while (true) {

producer Semaphore.acquire();

queue.offer(msg);

producer Semaphore.acquire();

{ Not sure why queue needs to have a lock on it }

consumer Semaphore.release();

To notify that consumers can start consuming