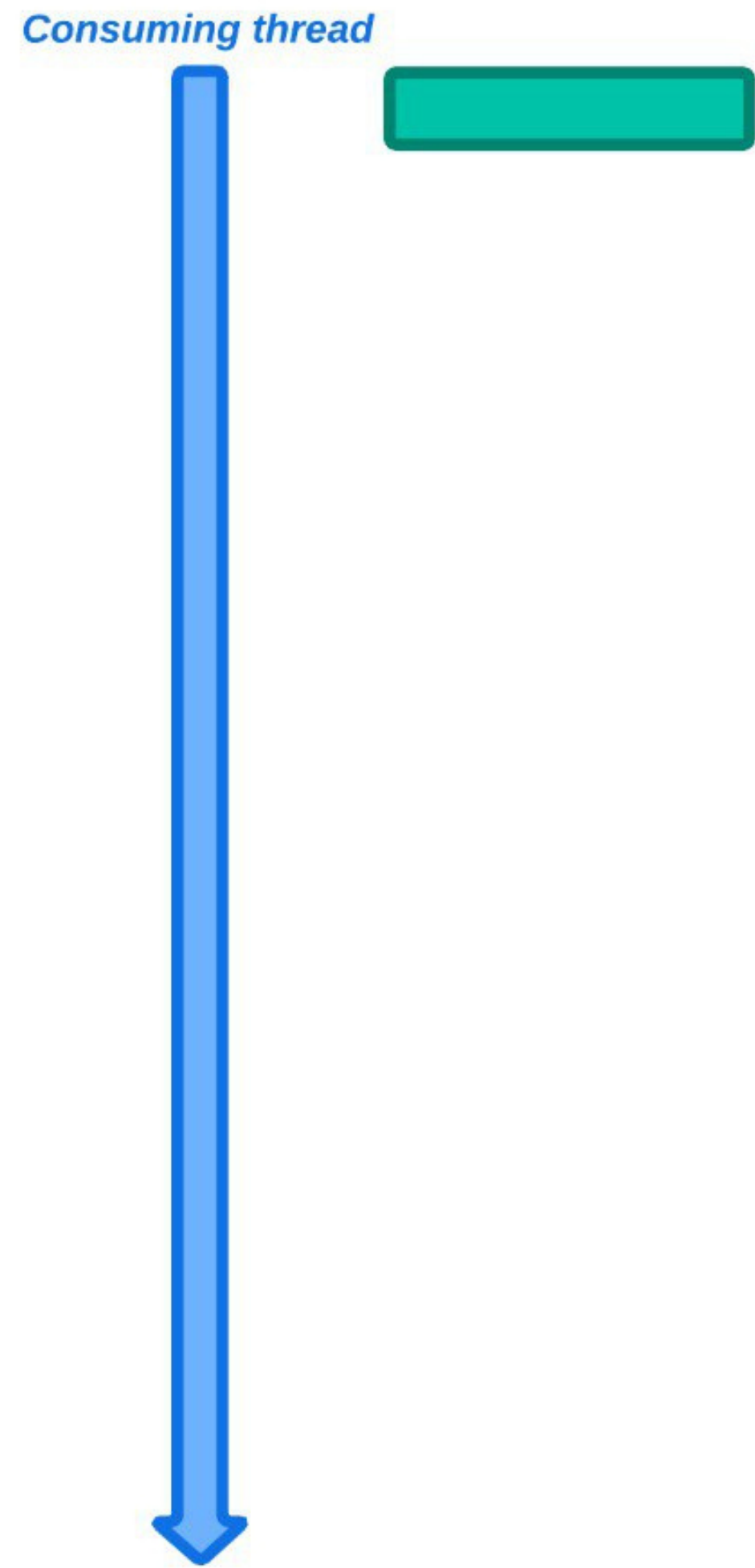
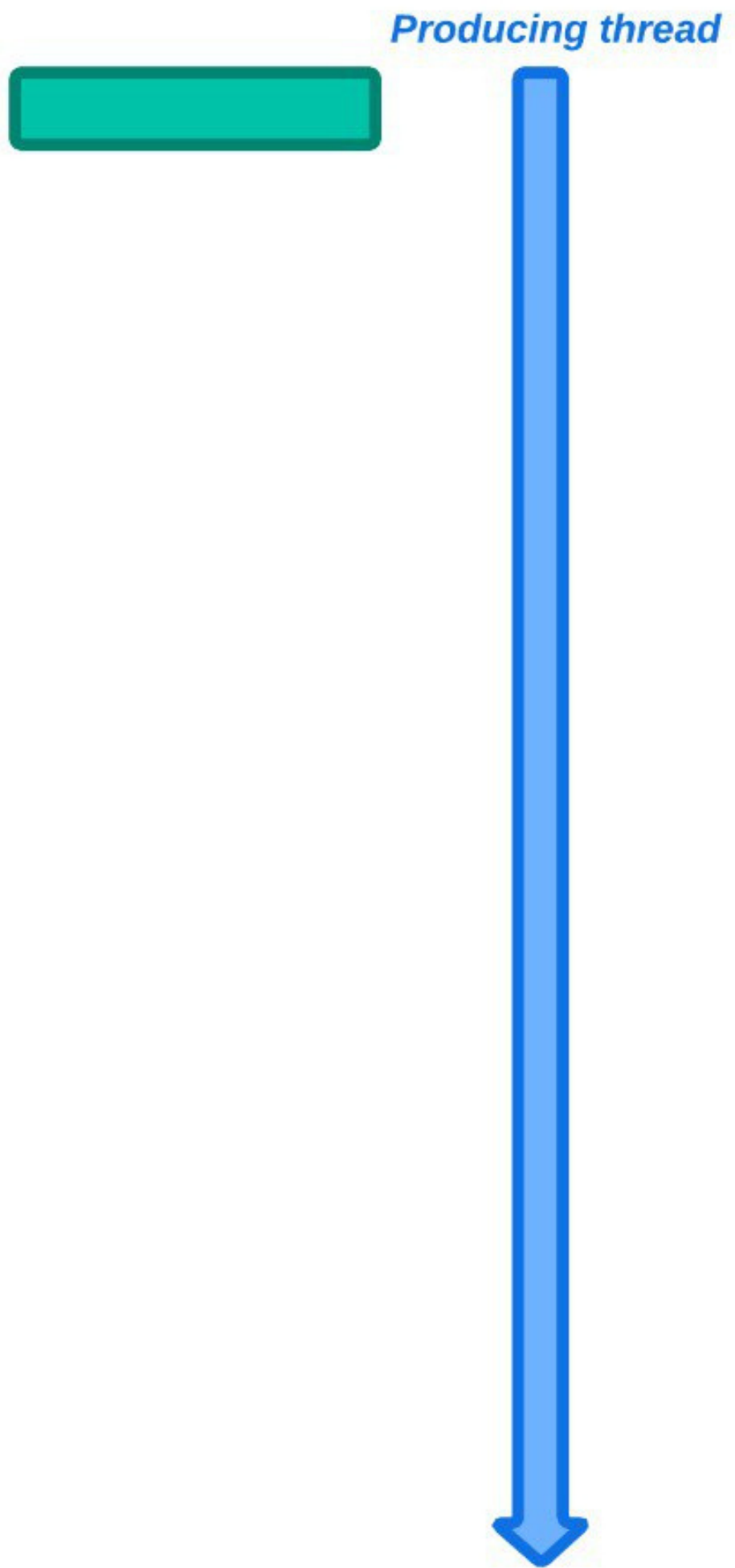


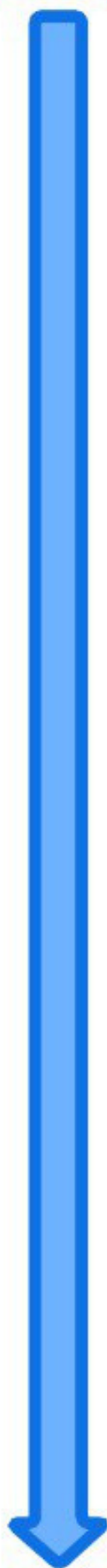
JAVA

МНОГОПОТОЧНОСТЬ.
EXCHANGER

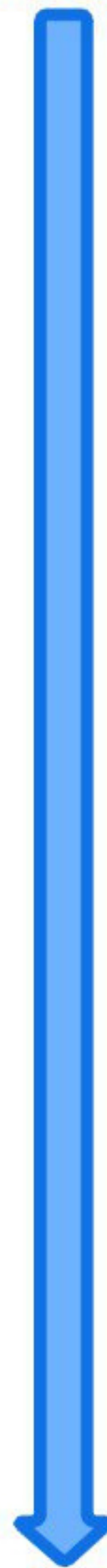




Producing thread



Consuming thread

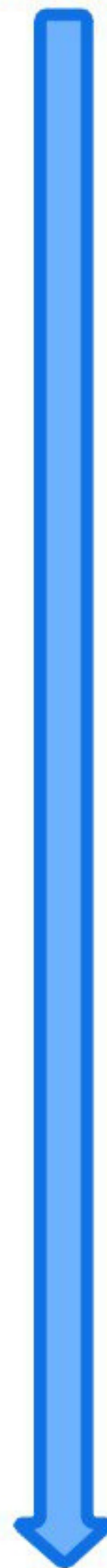




Producing thread

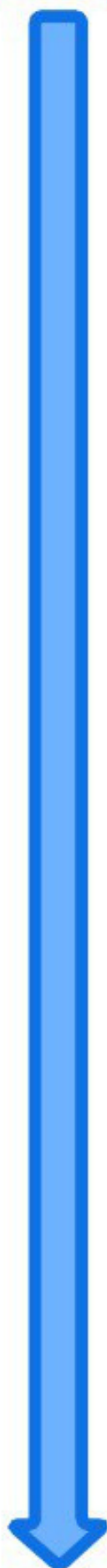


Consuming thread

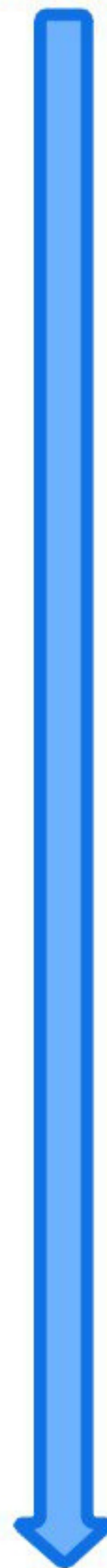


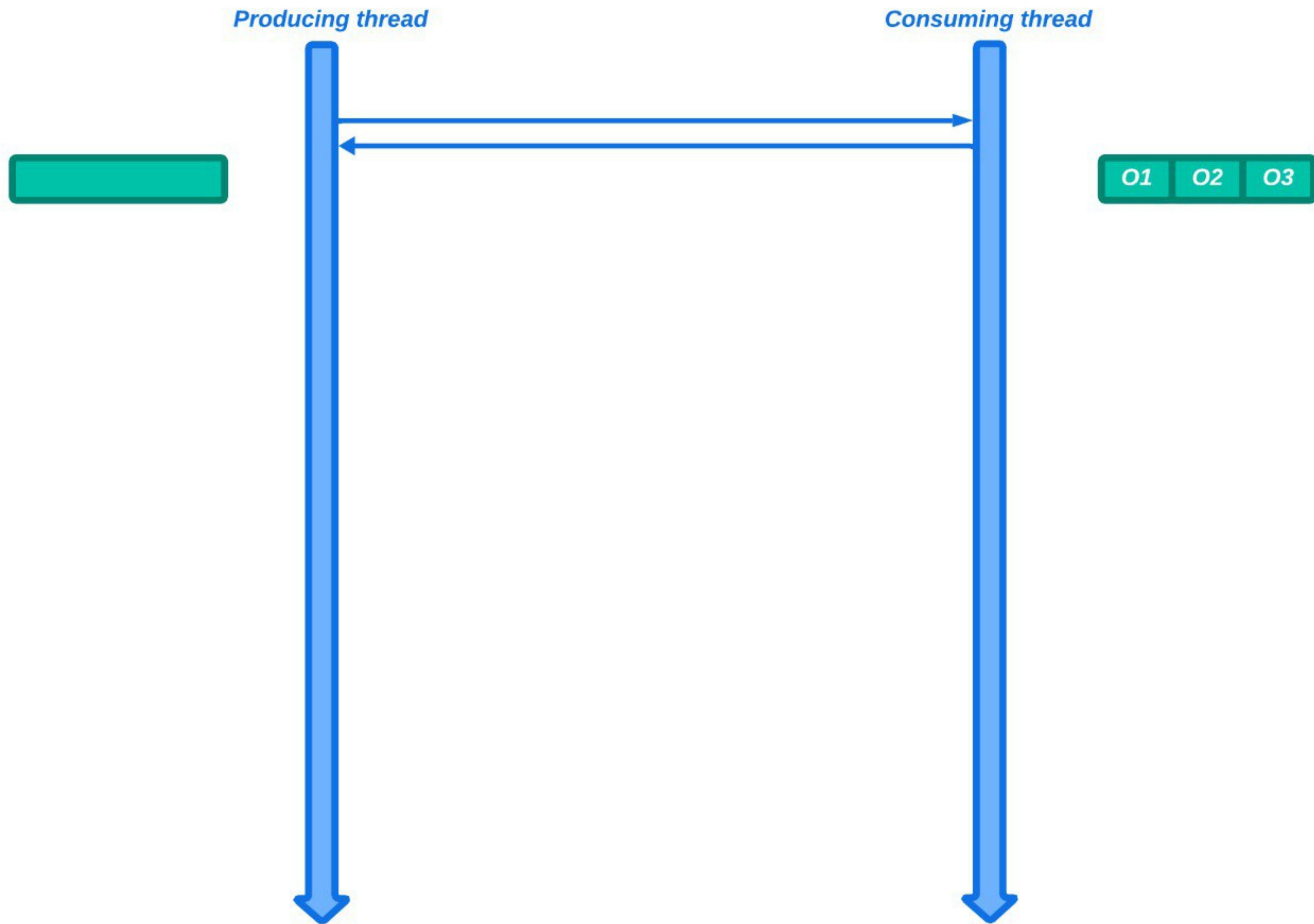


Producing thread



Consuming thread





Producing thread



Consuming thread



Producing thread



Consuming thread

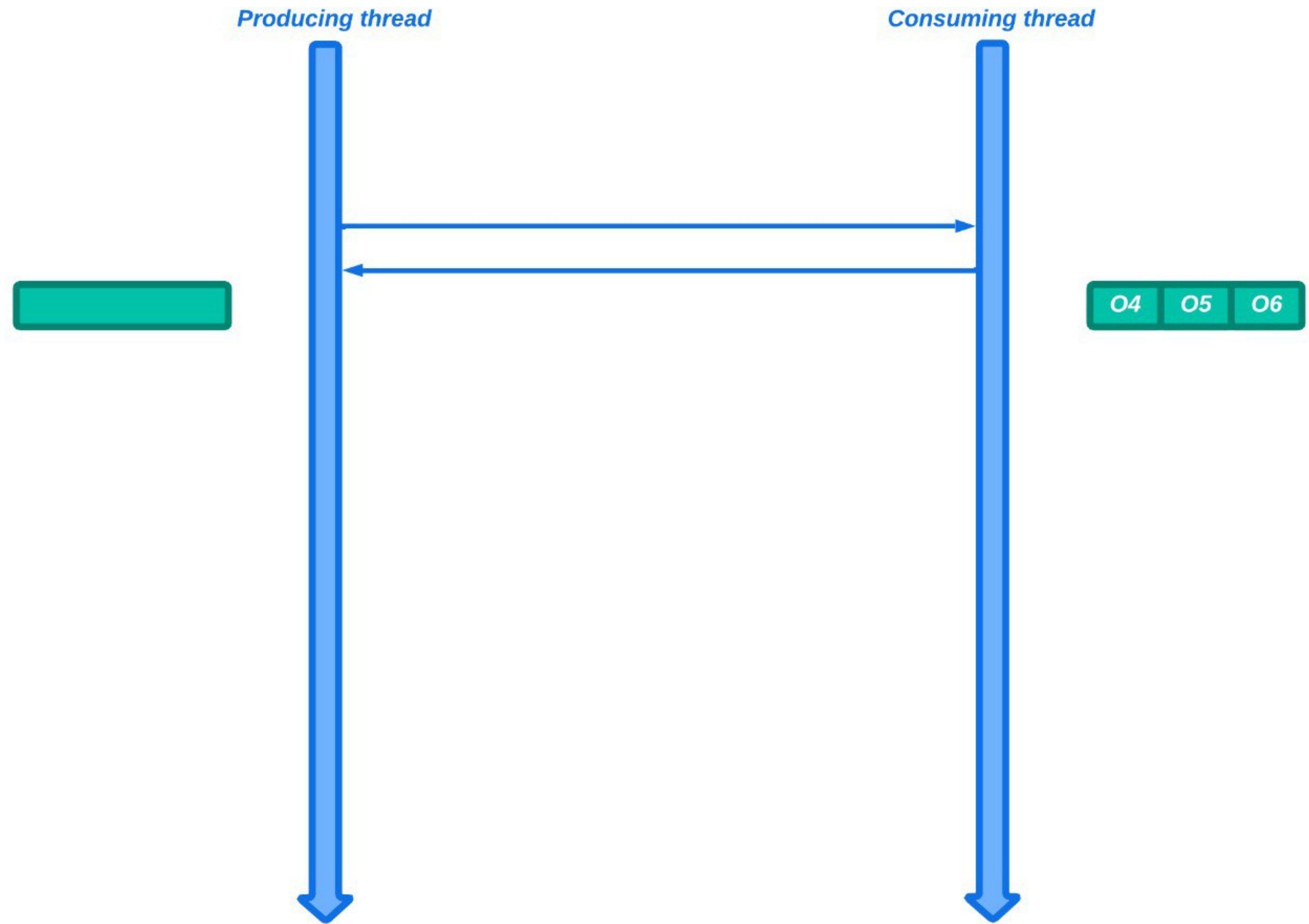


Producing thread



Consuming thread



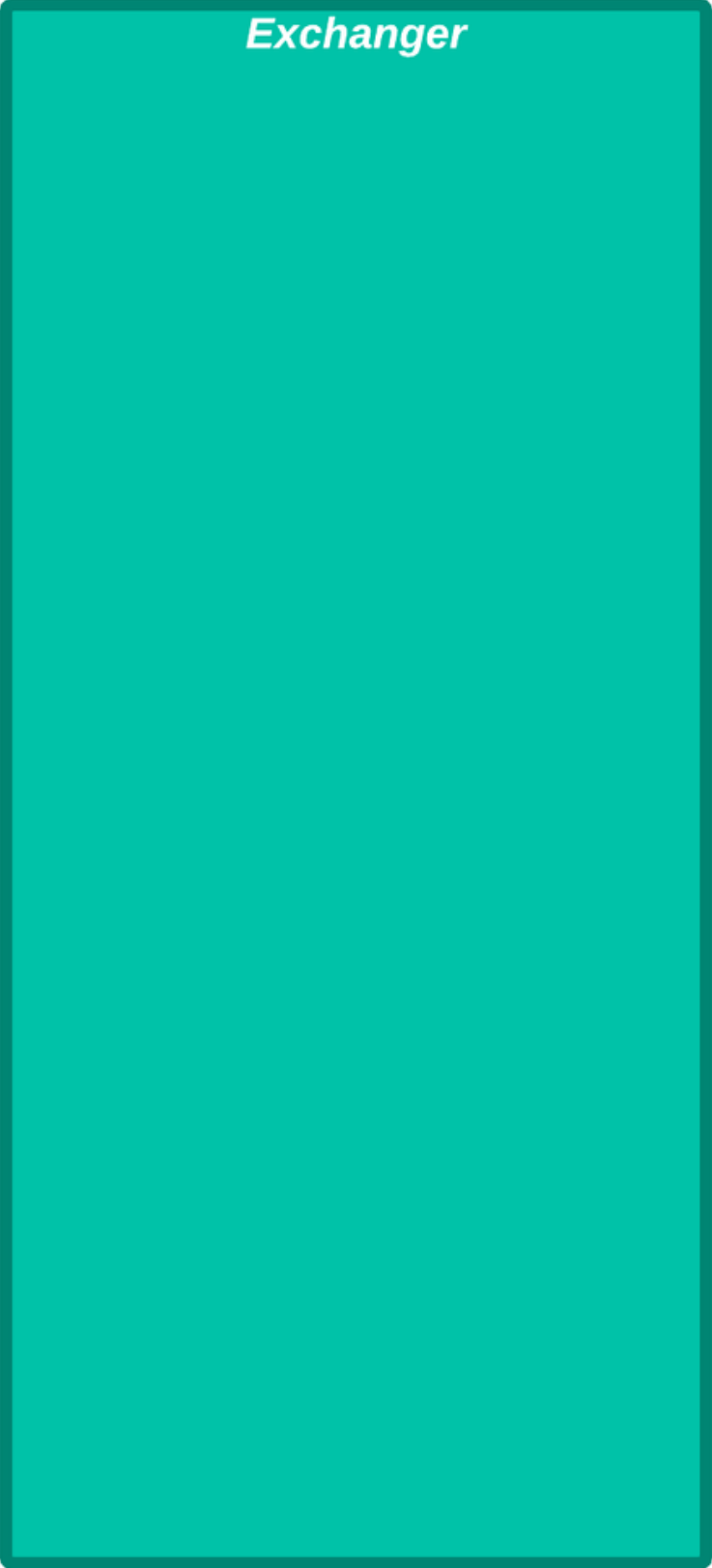




Producing thread



Exchanger



Consuming thread

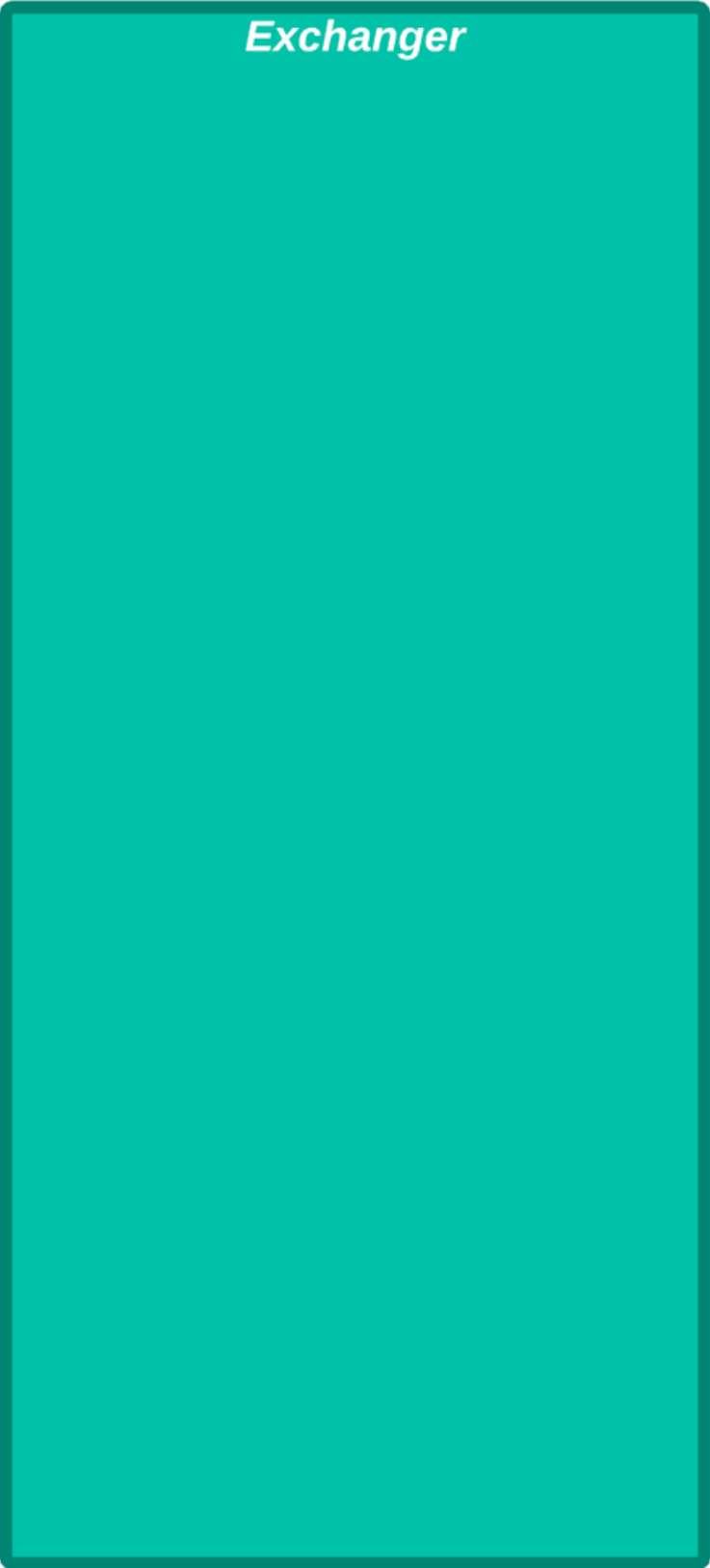




Producing thread

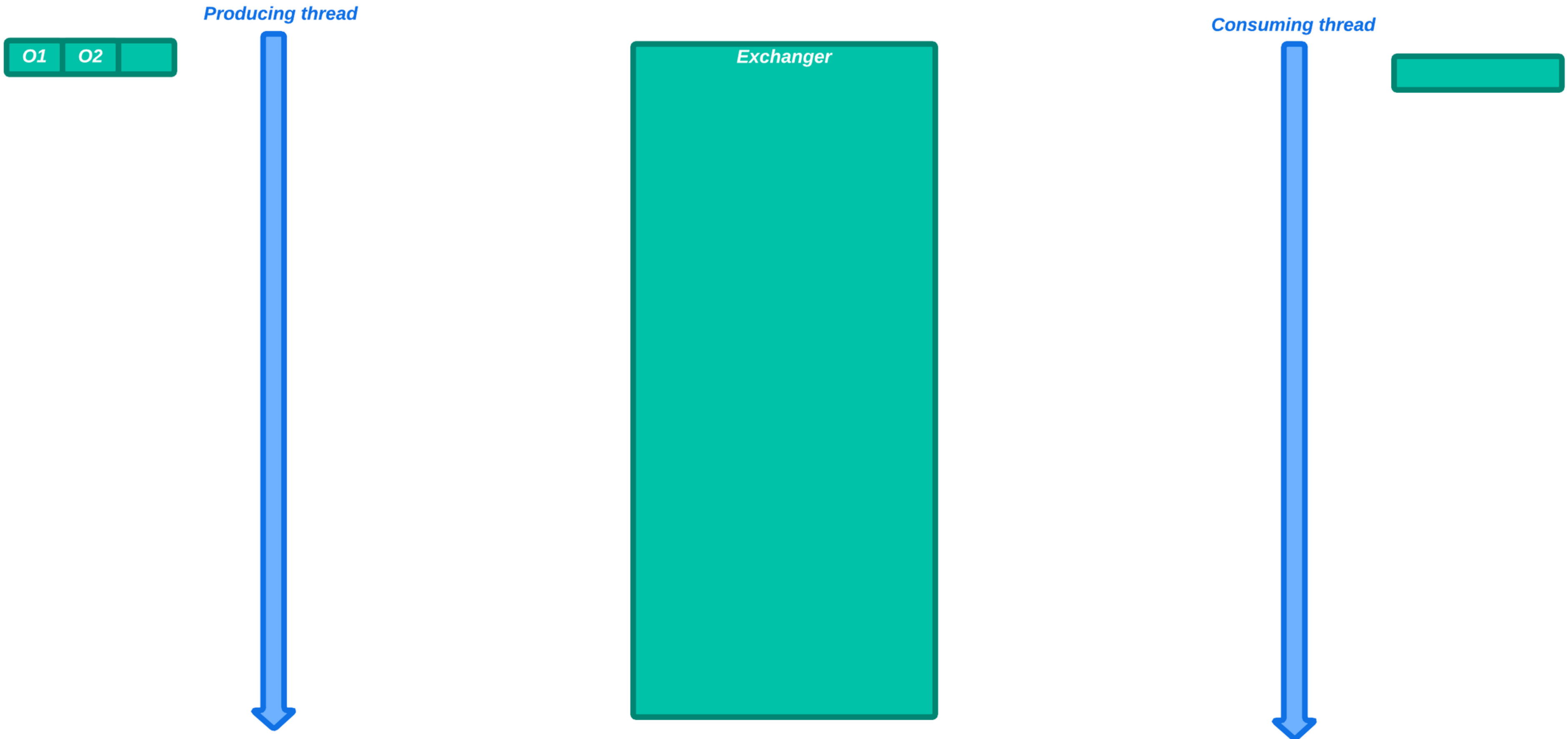


Exchanger



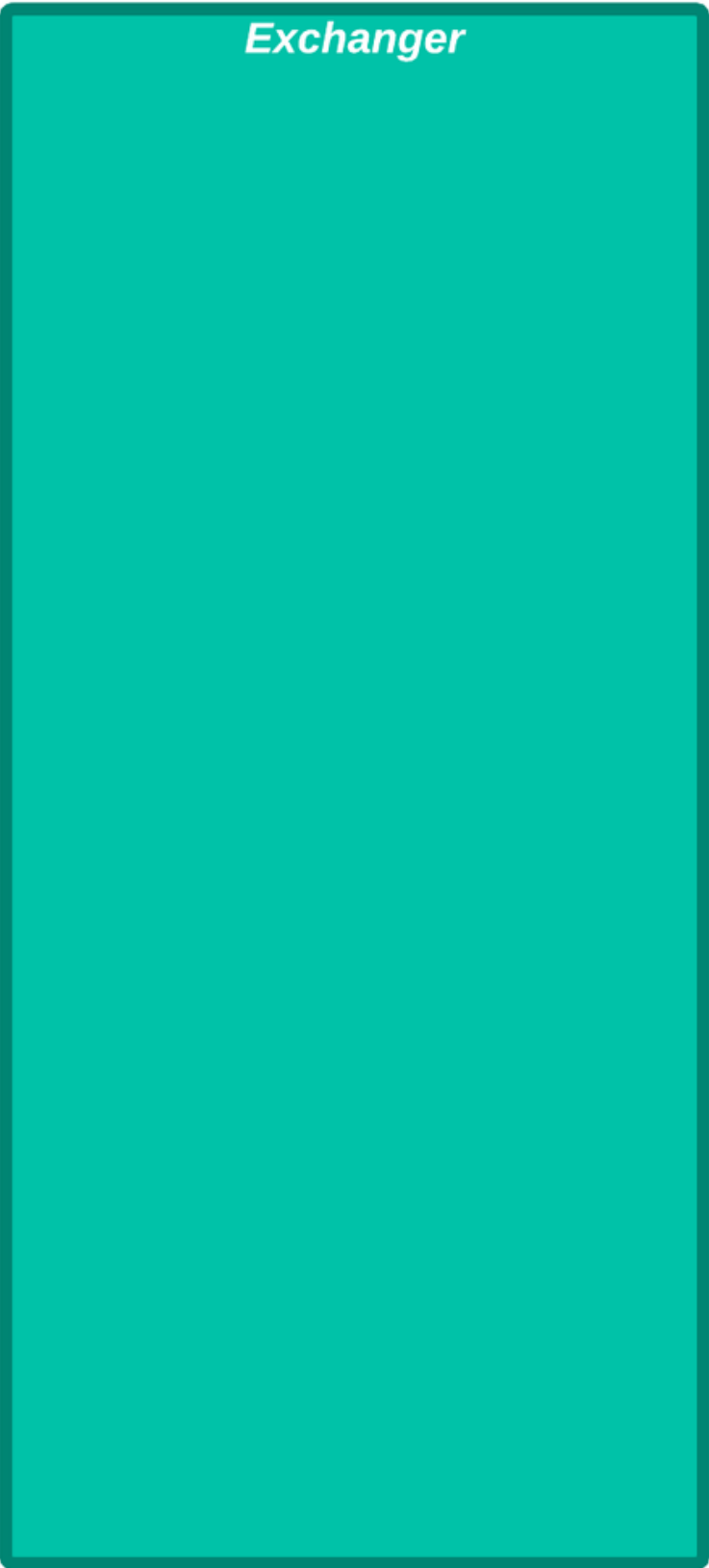
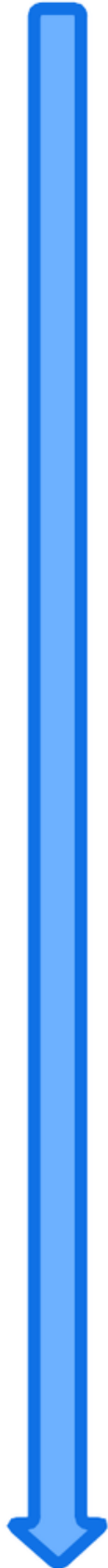
Consuming thread





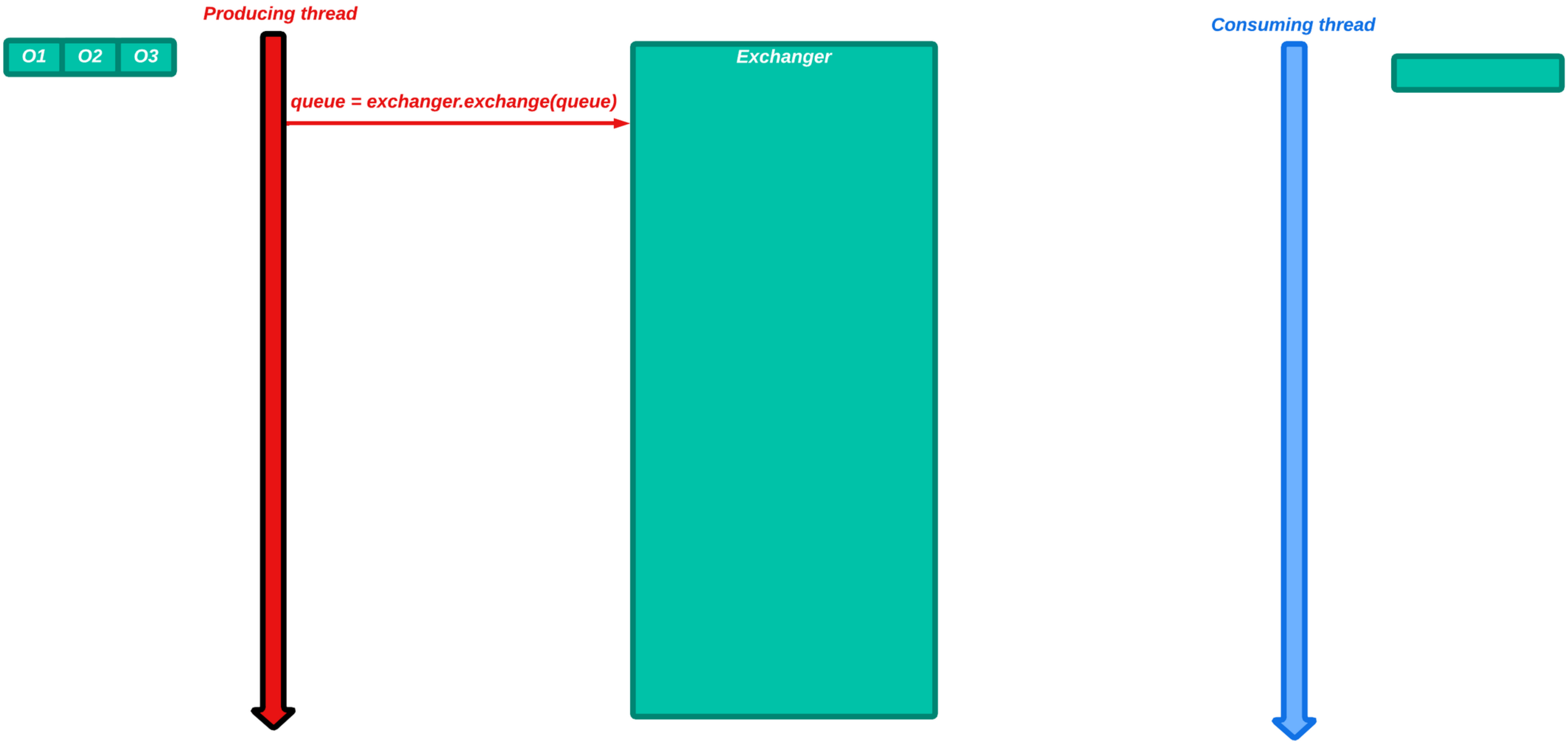


Producing thread



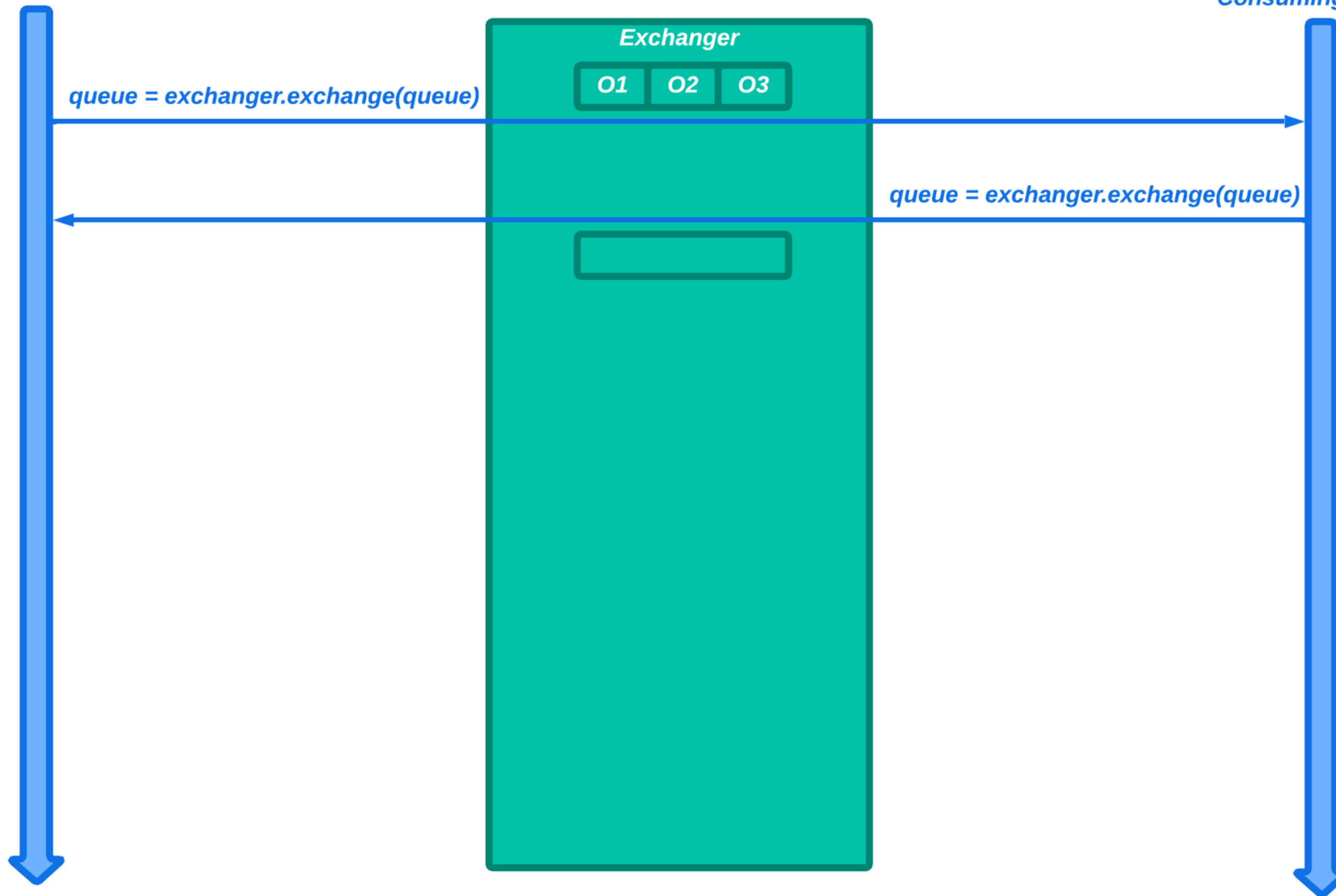
Consuming thread





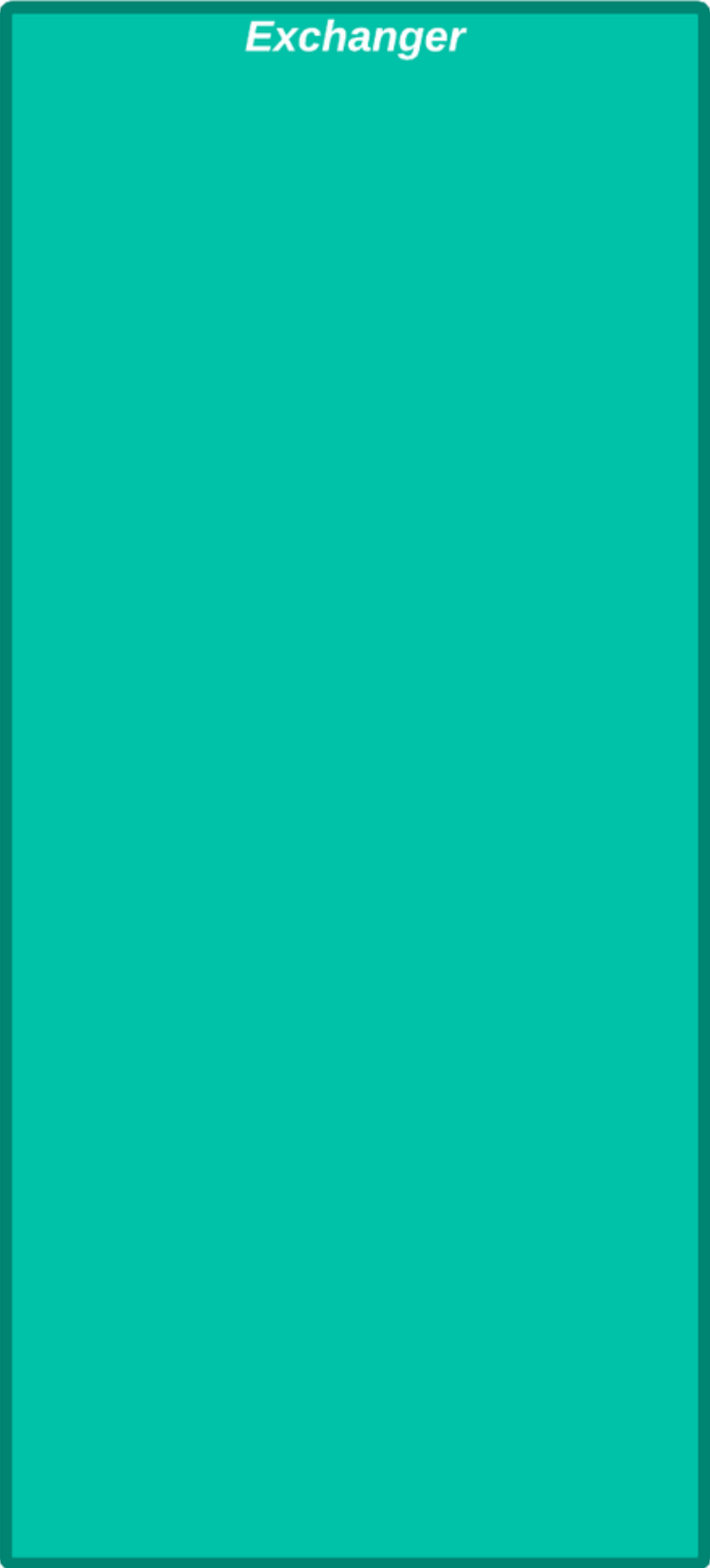
Producing thread

Consuming thread





Producing thread

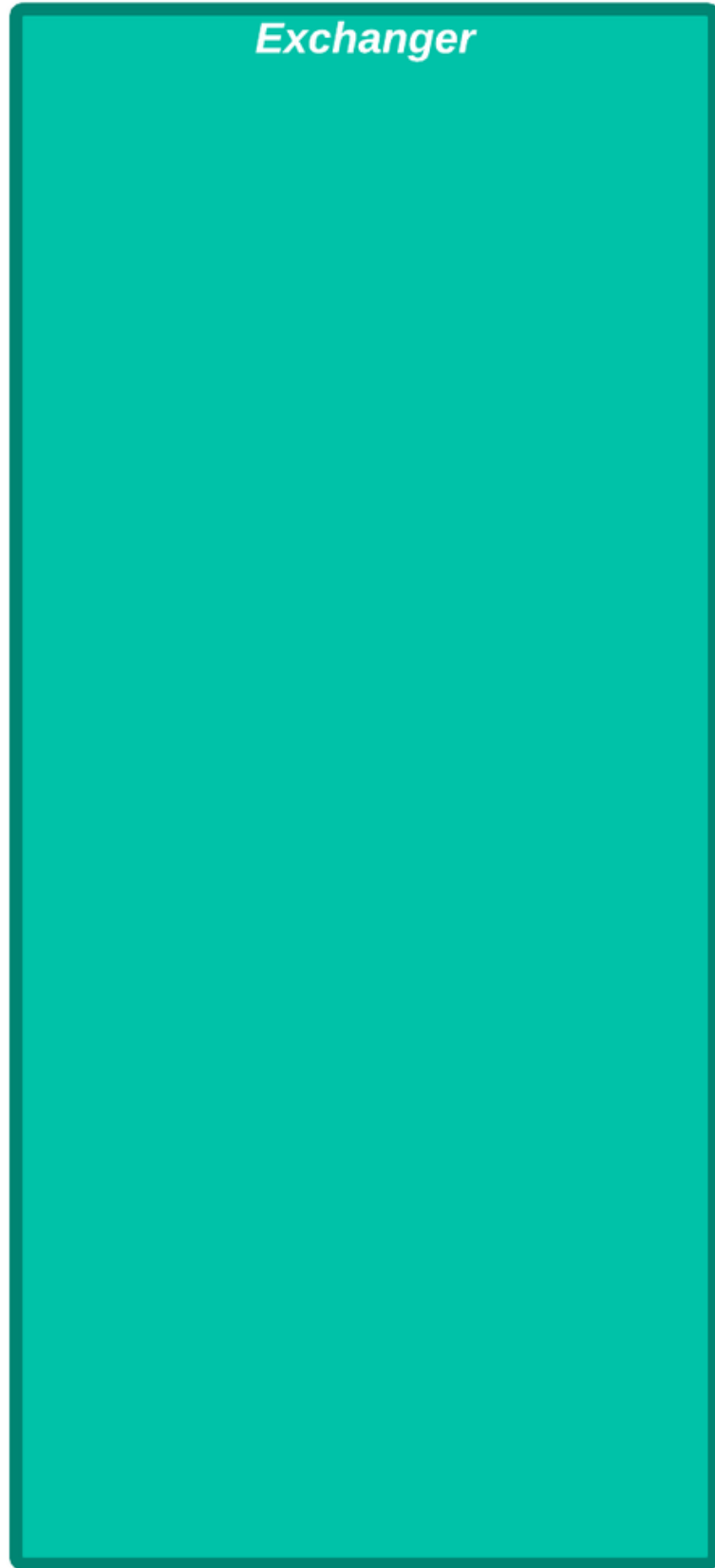


Consuming thread

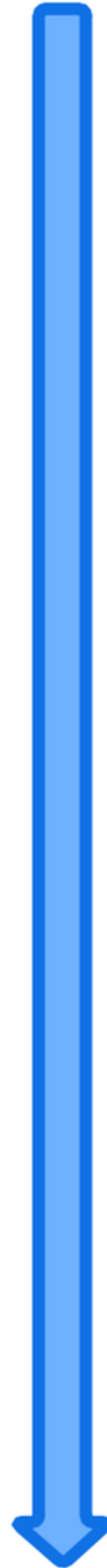


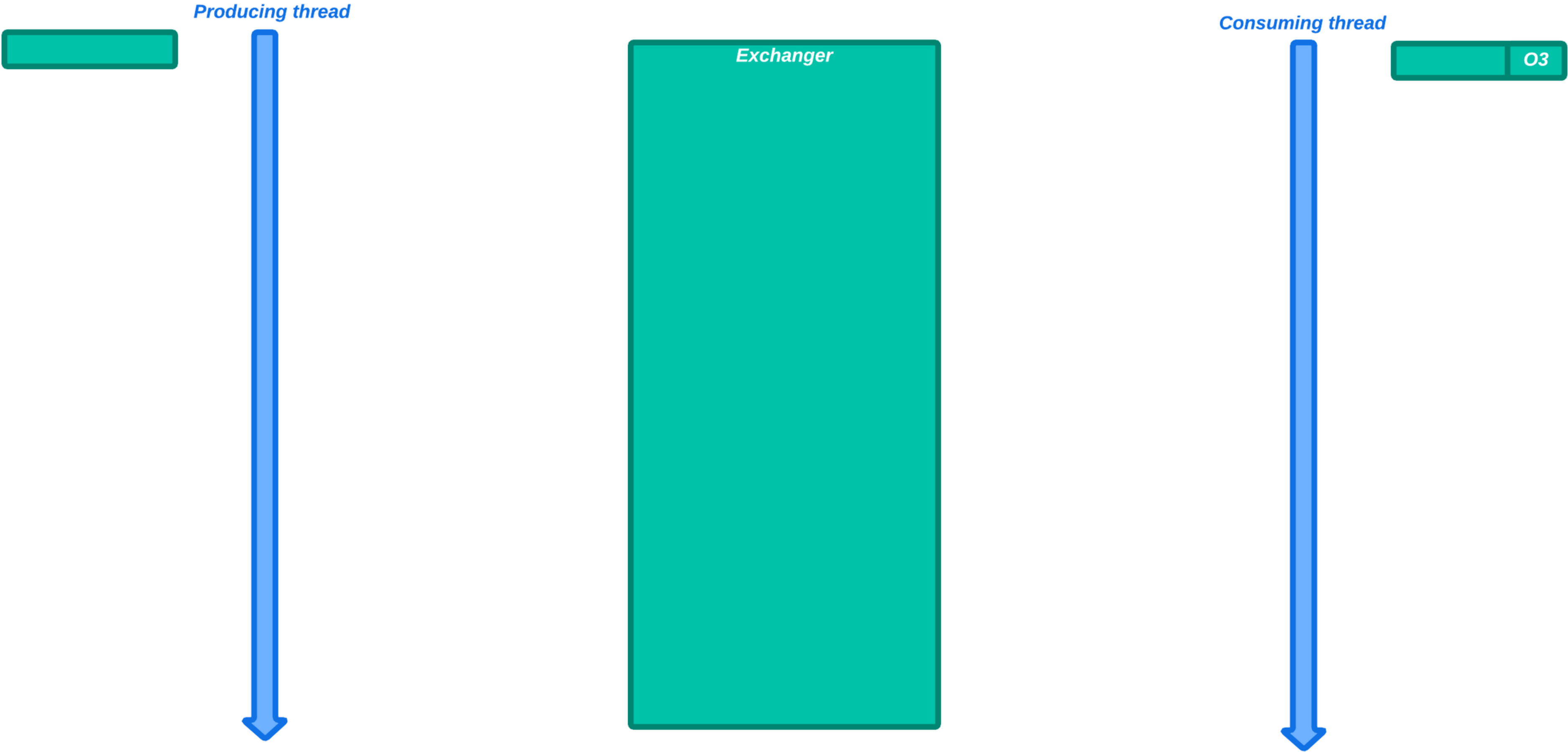


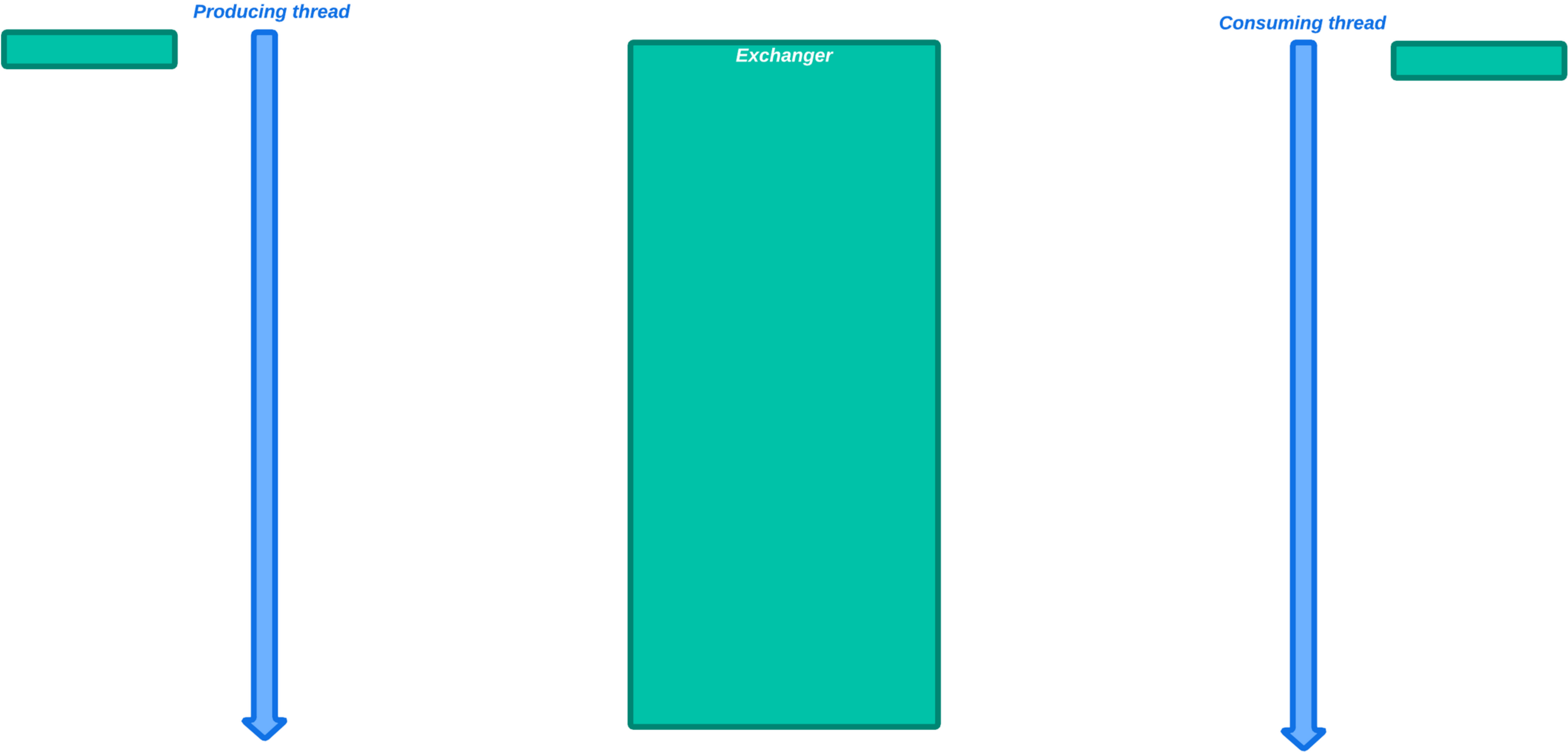
Producing thread



Consuming thread



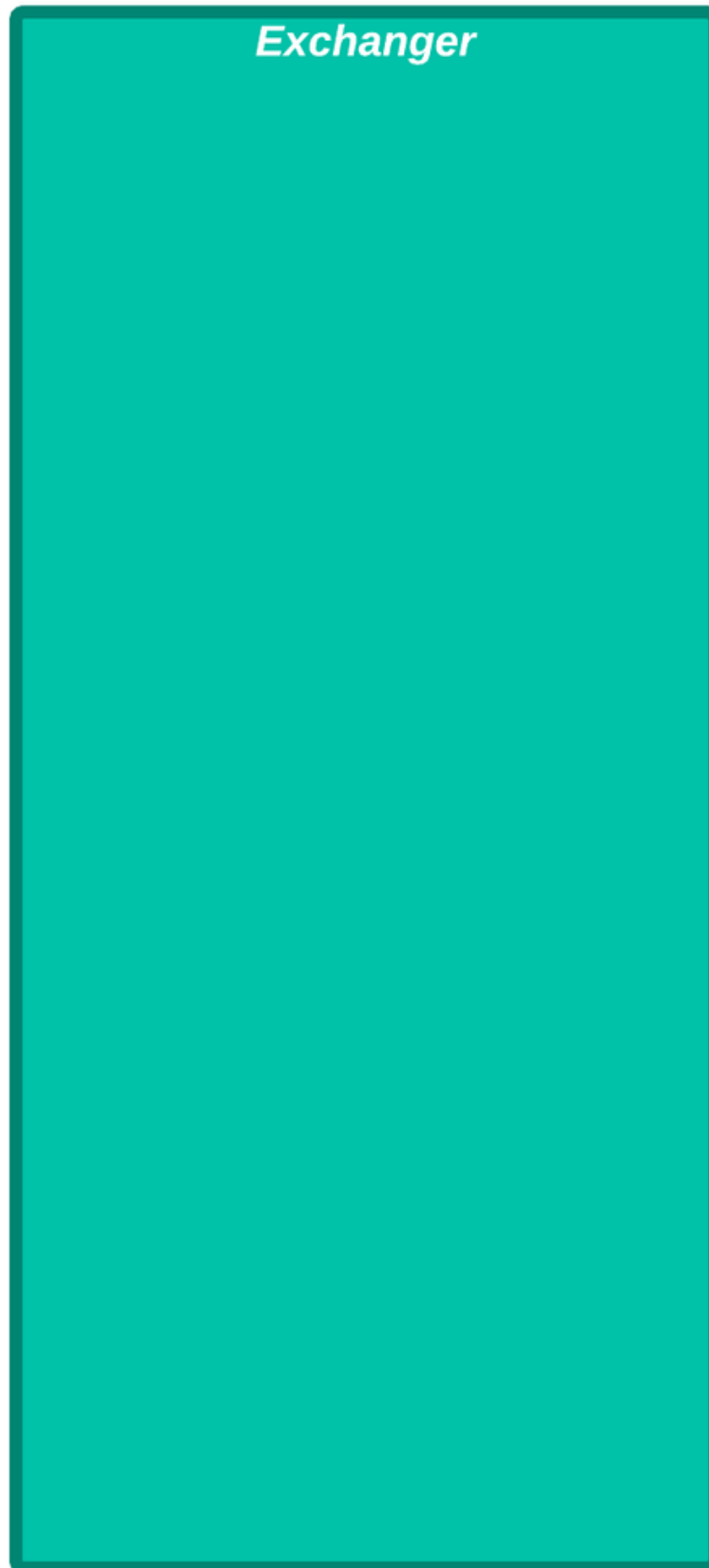




Producing thread



Exchanger



Consuming thread

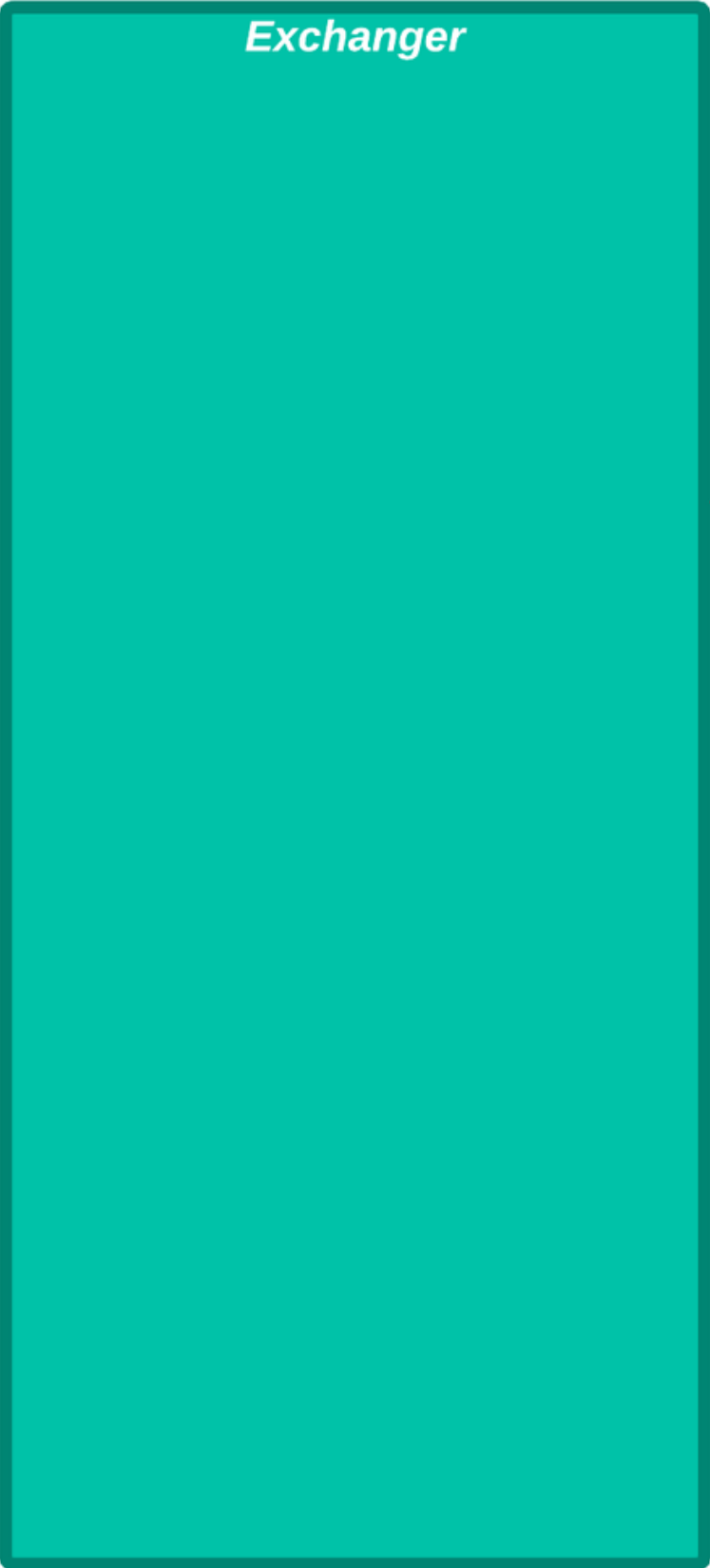


`queue = exchanger.exchange(queue)`



O4

Producing thread



Consuming thread

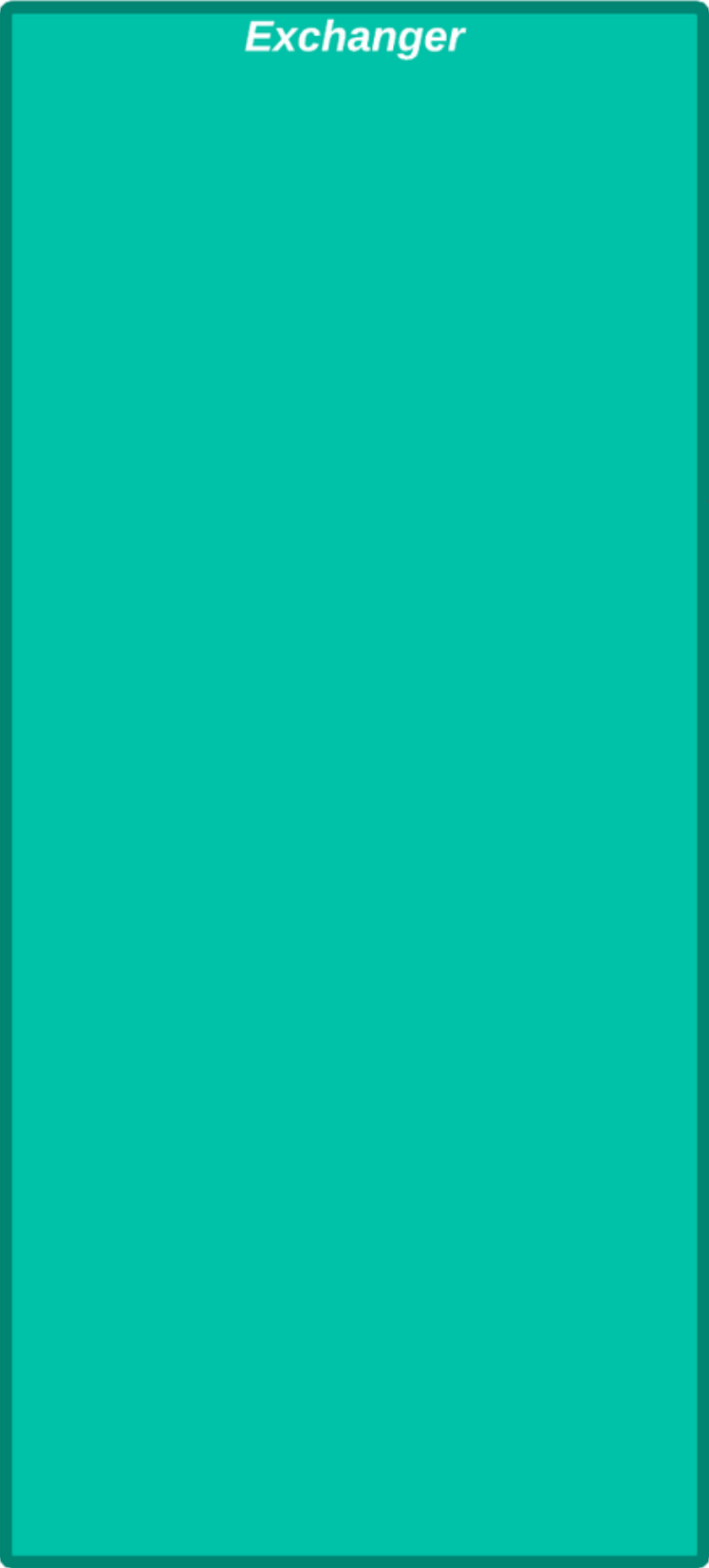


`queue = exchanger.exchange(queue)`





Producing thread

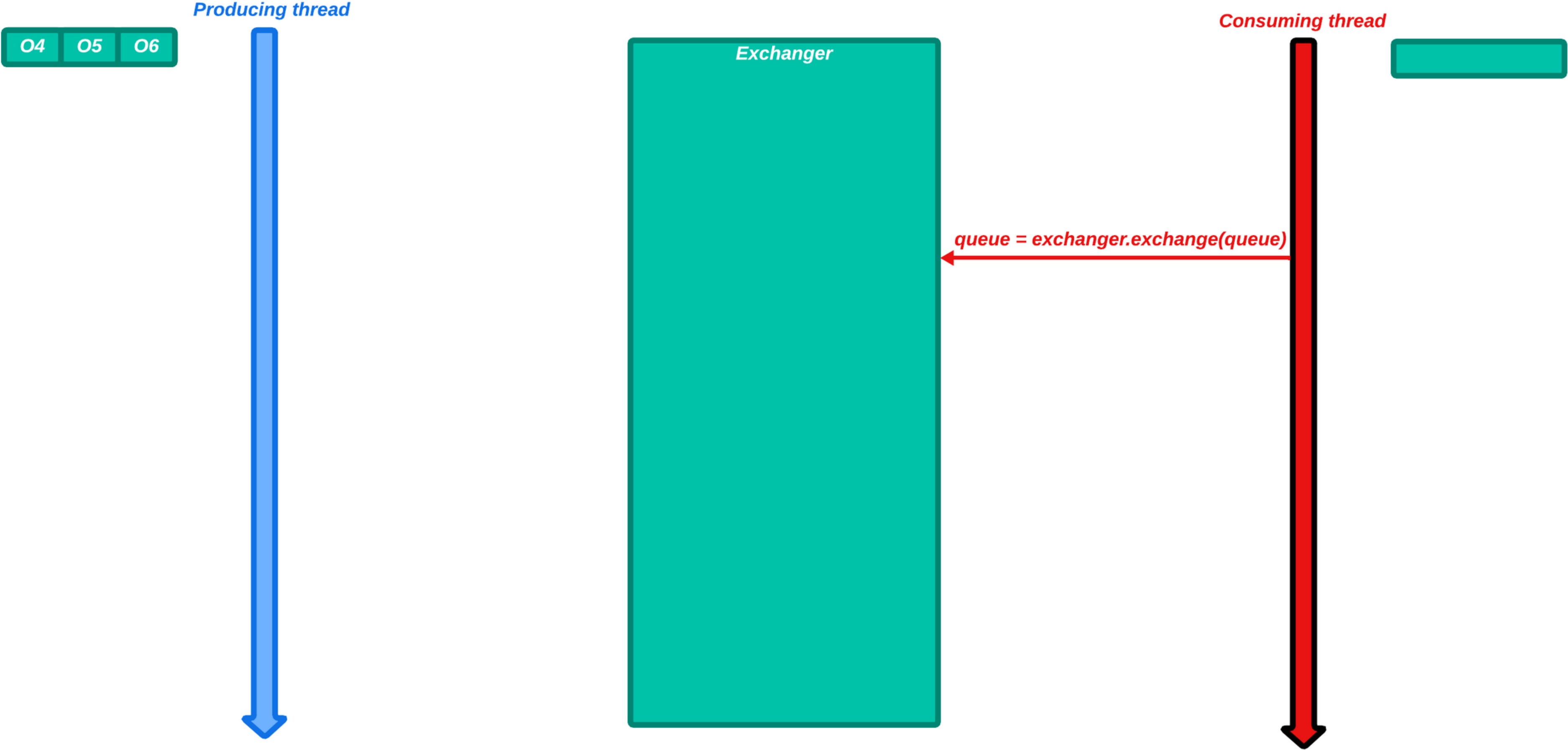


Consuming thread



queue = exchanger.exchange(queue)





Producing thread

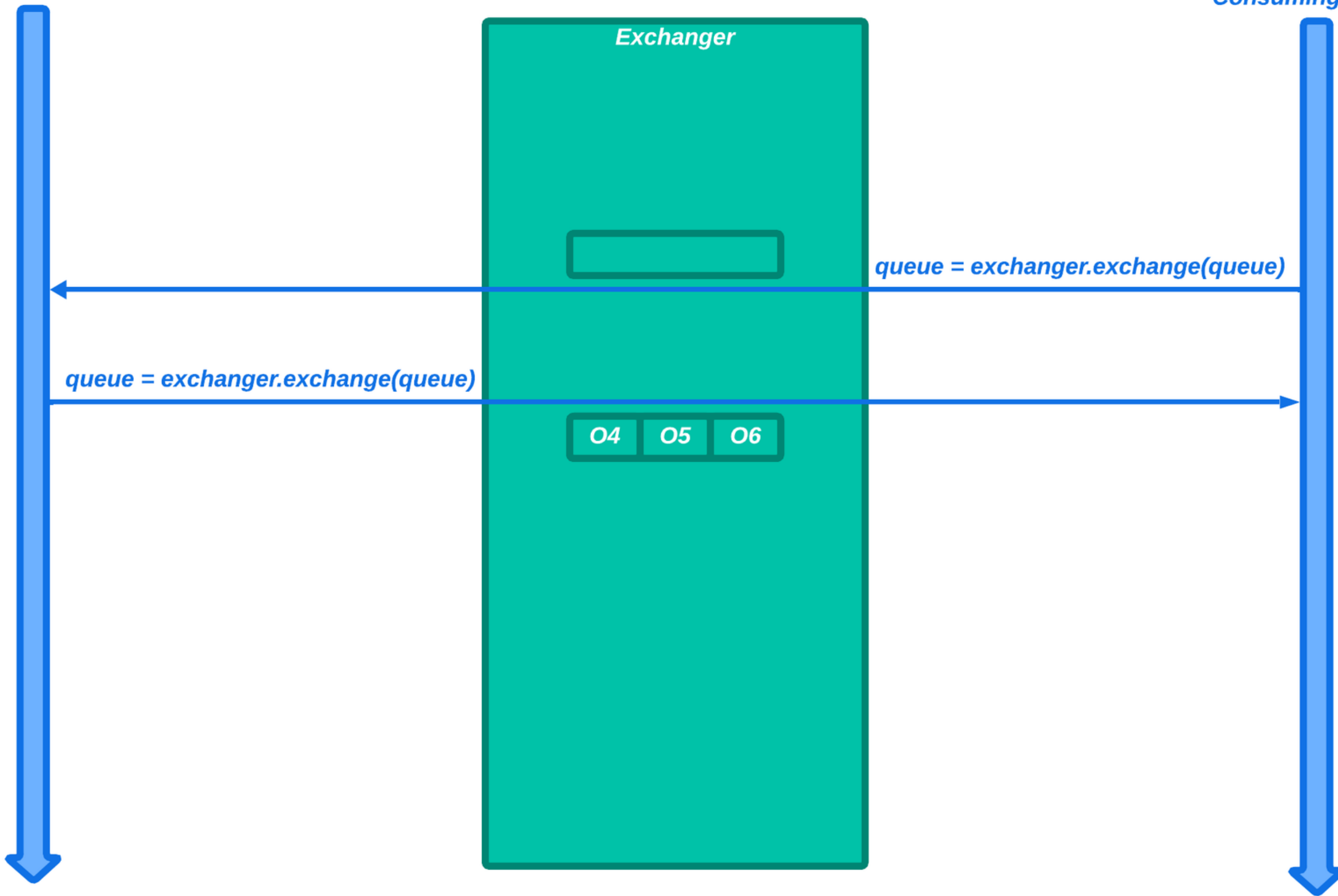
Consuming thread

Exchanger

queue = exchanger.exchange(queue)

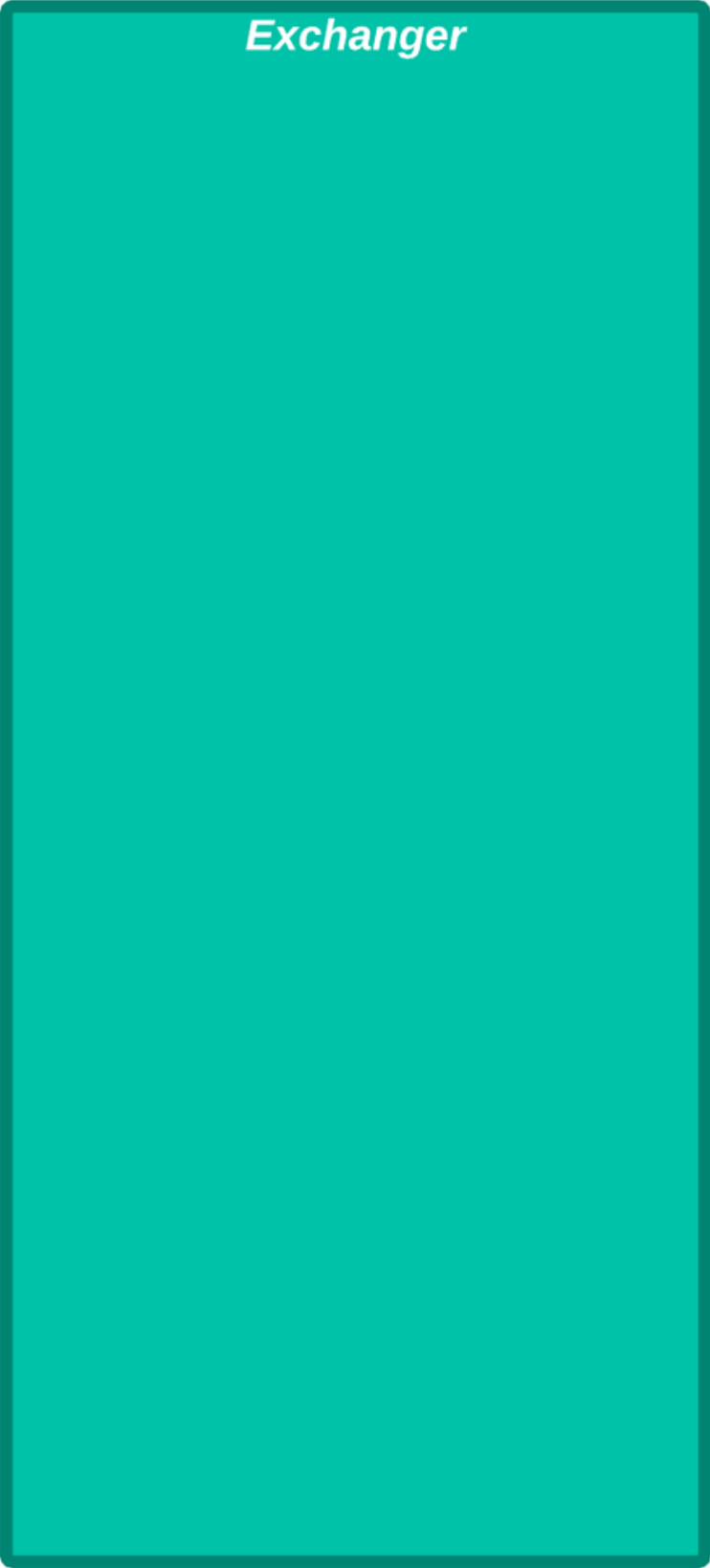
queue = exchanger.exchange(queue)

O4 O5 O6





Producing thread



Consuming thread

