Thread 1	Thread 2
w(a)	r(a)
w(b)	lock(a)
r(a)	r(a)
w(a)	w(a)
r(a)	unlock(a)
lock(a)	r(a)
r(a)	w(a)
w(a)	
unlock(a)	
r(a)	
w(a)	