

Variable	Value	Producer 0		Consumer 0		Consumer 1	
queue		231	private_data				
queue.mutex	TRUE	232	shared_data	261	private_data		
product_count	3	234	while true	262	shared_data	261	private_data
next_product_index	4	235	lock nextpro 1	264	while true	262	shared_data
next_product_mutex	TRUE	236	prod_index = 0	265	lock nextpro	264	while true
producer_count	1	237	unlock nextpro		----zzz----	265	lock nextpro
consumer_count	2	239	if false	266	prod_index = 1		----zzz----
min_producer_delay	100	243	rand_delay 100	267	unlock nextprom		----zzz----
max_producer_delay	100		----zzz----	269	wait can_cons	266	prod_index = 1
min_consumer_delay	200	246	queue append 0		----zzz----	267	unlock nextprom
max_consumer_delay	200	247	post can_cons		----zzz----	269	wait can_cons
can_consume	0 c1 c0	250	print produced 1	270	prod_index = 0		----zzz----
stdout_mutex	TRUE	234	while true	273	print consum 1		----zzz----
		235	lock nextprom	277	rand_delay 200		----zzz----
		236	prod_index = 1		----zzz----		----zzz----
		237	unlock nextpro		----zzz----		----zzz----
		239	if false	280	if false		----zzz----
		243	rand_delay 100	264	while true		----zzz----
			----zzz----	265	lock nextpro		----zzz----
		246	queue append 1	266	prod_index = 2		----zzz----
		247	post can_cons	267	unlock nextprom		----zzz----
		250	print produced 2	269	wait can_cons	270	prod_index = 1
		234	while true		----zzz----	273	print consum 2
		235	lock nextprom		----zzz----	277	rand_delay 200
		236	prod_index = 2		----zzz----		----zzz----
		237	unlock nextpro		----zzz----		----zzz----
		239	if false		----zzz----	280	if false
		243	rand_delay 100		----zzz----	264	while true
			----zzz----		----zzz----	265	lock nextpro
		246	queue append 2		----zzz----	266	prod_index = 3
		247	post can_cons		----zzz----	267	unlock nextprom
		250	print produced 3	270	prod_index = 2	269	wait can_cons
		234	while true	273	print consum 3		----zzz----
		235	lock nextprom	277	rand_delay 200		----zzz----
		236	prod_index = 3		----zzz----		----zzz----
		237	unlock nextpro		----zzz----		----zzz----
		239	if true	280	if false		----zzz----
		240	break	264	while true		----zzz----
		255	return NULL	265	lock nextpro		----zzz----
			---- UL ----	266	prod_index = 4		----zzz----
				267	unlock nextprom		----zzz----
				269	wait can_cons		----zzz----
					----zzz----		----zzz----