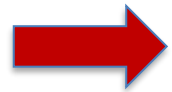


# Deadlocks

A deadlock is a state in which at least one thread is blocked forever because it waits for the release of a resource it never gets.



There are two main reasons for deadlocks:

- A mutex has not been unlocked.
- Mutexes are locked in a different order.