

why? * res 1 locked by Thread 1

Thread 1 sleep

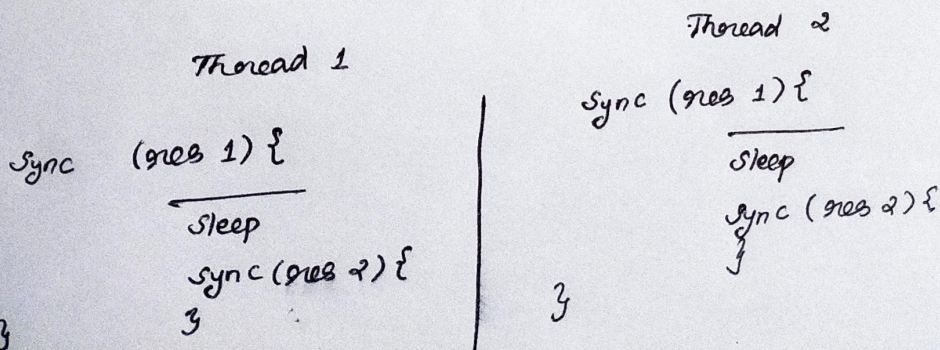
Enter thread 2 (res 2 locked by Thread 2)

sleep (return to Thread 1)

resource 2 - lock acquired by thread 2
(Thread 1 - dead end)

resource 1 - by thread 1
(Thread 2 - dead end)

Solve:



Now Thread 1 acquires res 1

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Sleep

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Thread 2 - Can't acquire res 1

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Sleep 100ms over: Thread 1 acquires res 2

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Job done - unlock resources

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Thread 2 - acquires res 1

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Sleep

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Th 2 - acquires res 2

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Job done!