**sleep(long)**

"t" #11 prio=5 os\_prio=0 tid=0x000000001b1a3000 nid=0x2bd4 waiting on condition [0x000000001bafe000]

java.lang.Thread.State: TIMED\_WAITING (sleeping)

at java.lang.Thread.sleep(Native Method)

at java.lang.Thread.sleep(Thread.java:340)

at java.util.concurrent.TimeUnit.sleep(TimeUnit.java:386)

at study.jvm.jstatck.Sleep\_Main.lambda$main$0(Sleep\_Main.java:13)

at study.jvm.jstatck.Sleep\_Main$$Lambda$1/764977973.run(Unknown Source)

at java.lang.Thread.run(Thread.java:745)

**RUNNABLE**

"t" #11 prio=5 os\_prio=0 tid=0x000000001b49d800 nid=0xfc4 runnable [0x000000001c59e000]

java.lang.Thread.State: RUNNABLE

at study.jvm.jstatck.Runnable\_Main.lambda$main$0(Runnable\_Main.java:15)

at study.jvm.jstatck.Runnable\_Main$$Lambda$1/764977973.run(Unknown Source)

at java.lang.Thread.run(Thread.java:745)

**BLOCKED**

"t2" #12 prio=5 os\_prio=0 tid=0x000000001b27e000 nid=0x3050 waiting for monitor entry [0x000000001bc6f000]

java.lang.Thread.State: BLOCKED (on object monitor)

at study.jvm.jstatck.Synchrionized1\_Main.lambda$main$1(Synchrionized1\_Main.java:21)

- waiting to lock <0x00000000d7149de8> (a java.lang.Object)

at study.jvm.jstatck.Synchrionized1\_Main$$Lambda$2/381259350.run(Unknown Source)

at java.lang.Thread.run(Thread.java:745)

**wait()**

"t" #11 prio=5 os\_prio=0 tid=0x000000001ab4b000 nid=0x10cc in Object.wait() [0x000000001b49f000]

java.lang.Thread.State: WAITING (on object monitor)

at java.lang.Object.wait(Native Method)

- waiting on <0x00000000d7149d00> (a java.lang.Object)

at java.lang.Object.wait(Object.java:502)

at study.jvm.jstatck.Wait1\_Main.lambda$main$0(Wait1\_Main.java:13)

- locked <0x00000000d7149d00> (a java.lang.Object)

at study.jvm.jstatck.Wait1\_Main$$Lambda$1/1607521710.run(Unknown Source)

at java.lang.Thread.run(Thread.java:745)

**wait(long)**

"t" #11 prio=5 os\_prio=0 tid=0x000000001c1af000 nid=0x1648 in Object.wait() [0x000000001ca9f000]

java.lang.Thread.State: TIMED\_WAITING (on object monitor)

at java.lang.Object.wait(Native Method)

- waiting on <0x00000000d7149d50> (a java.lang.Object)

at study.jvm.jstatck.Wait2\_Main.lambda$main$0(Wait2\_Main.java:13)

- locked <0x00000000d7149d50> (a java.lang.Object)

at study.jvm.jstatck.Wait2\_Main$$Lambda$1/1607521710.run(Unknown Source)

at java.lang.Thread.run(Thread.java:745)

**join()**

"main" #1 prio=5 os\_prio=0 tid=0x0000000004d62800 nid=0x2bd0 in Object.wait() [0x000000000476f000]

java.lang.Thread.State: WAITING (on object monitor)

at java.lang.Object.wait(Native Method)

- waiting on <0x00000000d7149fd8> (a java.lang.Thread)

at java.lang.Thread.join(Thread.java:1249)

- locked <0x00000000d7149fd8> (a java.lang.Thread)

at java.lang.Thread.join(Thread.java:1323)

at study.jvm.jstatck.Join1\_Main.main(Join1\_Main.java:17)

**join(long)**

"main" #1 prio=5 os\_prio=0 tid=0x0000000005442800 nid=0x1cf4 in Object.wait() [0x000000000533f000]

java.lang.Thread.State: TIMED\_WAITING (on object monitor)

at java.lang.Object.wait(Native Method)

- waiting on <0x00000000d7149cf0> (a java.lang.Thread)

at java.lang.Thread.join(Thread.java:1257)

- locked <0x00000000d7149cf0> (a java.lang.Thread)

at study.jvm.jstatck.Join2\_Main.main(Join2\_Main.java:17)

**Dead Lock**

"t2" #12 prio=5 os\_prio=0 tid=0x000000001b602000 nid=0x3258 waiting for monitor entry [0x000000001bfaf000]

java.lang.Thread.State: BLOCKED (on object monitor)

at study.jvm.jstatck.DeadLock\_Main.lambda$main$1(DeadLock\_Main.java:26)

- waiting to lock <0x00000000d7149fc0> (a java.lang.Object)

- locked <0x00000000d7149fd0> (a java.lang.Object)

at study.jvm.jstatck.DeadLock\_Main$$Lambda$2/381259350.run(Unknown Source)

at java.lang.Thread.run(Thread.java:745)

"t1" #11 prio=5 os\_prio=0 tid=0x000000001b601000 nid=0x180 waiting for monitor entry [0x000000001beaf000]

java.lang.Thread.State: BLOCKED (on object monitor)

at study.jvm.jstatck.DeadLock\_Main.lambda$main$0(DeadLock\_Main.java:19)

- waiting to lock <0x00000000d7149fd0> (a java.lang.Object)

- locked <0x00000000d7149fc0> (a java.lang.Object)

at study.jvm.jstatck.DeadLock\_Main$$Lambda$1/1607521710.run(Unknown Source)

at java.lang.Thread.run(Thread.java:745)