start() or main method execution by java

start() or main method execution by java

JVM selects thread

jvm selects thread

Java timeout or yield()

yield()

InterruptedException is thrown

interruptedException is thrown

InterruptedException is thrown

InterruptedException is thrown

Wait for target process finishes

Wait for target process finishes

Ready

Running

Finished

Unable to get lock

wait()

wait()

Wait for lock

wait()

Wait for notify or notifyAll

wait()

wait()

Wait for lock

Wait for notify or notifyAll

Wait for lock

Wait for notify or notifyAll

Wait for target process to die

Wait for target process to die

Wait for target process to die

Finish executing main or run methods

Finished

Finished

Sleep(#)

sleep(#)

sleep(#)

Join()

Join()

Join()

Unable to get lock

Unable to get lock

Unable to get lock

Unable to get lock

Wait for lock

Wait for lock

Wait for lock

Wait for lock

Unable to get lock

Unable to get lock

Unable to get lock

Unable to get lock

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