

DeadLock

THREAD MONITOR:

The screenshot shows the Java VisualVM interface with the Thread Monitor tab selected. The application being monitored is 'com.greatlearning.deadlock.DeadlockExample (pid 8624)'. The 'Threads' tab displays a list of threads, including 'Thread-0' and 'Thread-1', both of which are in a 'Blocked' state. A red banner at the top of the thread list indicates 'Deadlock detected! Take a thread dump to get more info.' The 'Threads inspector' on the right shows the details for 'Thread-0' and 'Thread-1', both of which are blocked on a lock held by the other thread. The 'Thread-0' inspector shows it is blocked on a lock held by 'Thread-1', and the 'Thread-1' inspector shows it is blocked on a lock held by 'Thread-0'.

THREAD DUMP:

The screenshot shows the Java VisualVM interface with the Thread Dump tab selected. The application being monitored is 'com.greatlearning.deadlock.DeadlockExample (pid 8624)'. The 'Thread Dump' tab displays a full thread dump of the application. The dump shows the state of all threads, including 'Thread-0' and 'Thread-1', both of which are in a 'Blocked' state. The dump also shows the stack traces for each thread, indicating that they are both blocked on a lock held by the other thread. The 'Thread-0' thread is blocked on a lock held by 'Thread-1', and the 'Thread-1' thread is blocked on a lock held by 'Thread-0'.

We can clearly see **Deadlock detected** in the Jvisualvm Thread monitor.