## Colored images for:

Java Concurrent Programming: A Quantitative Approach by Henry H. Liu

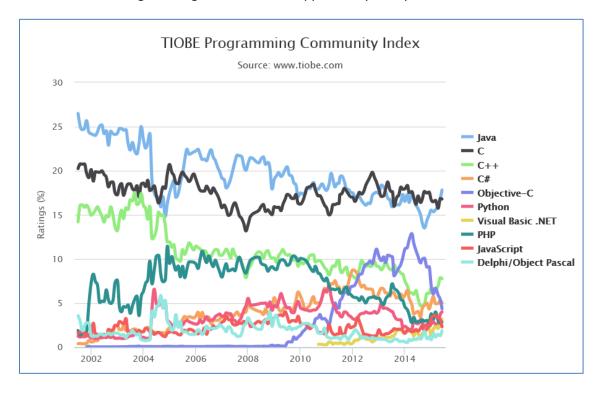


Figure P.1 Statistics on popularity of programming languages

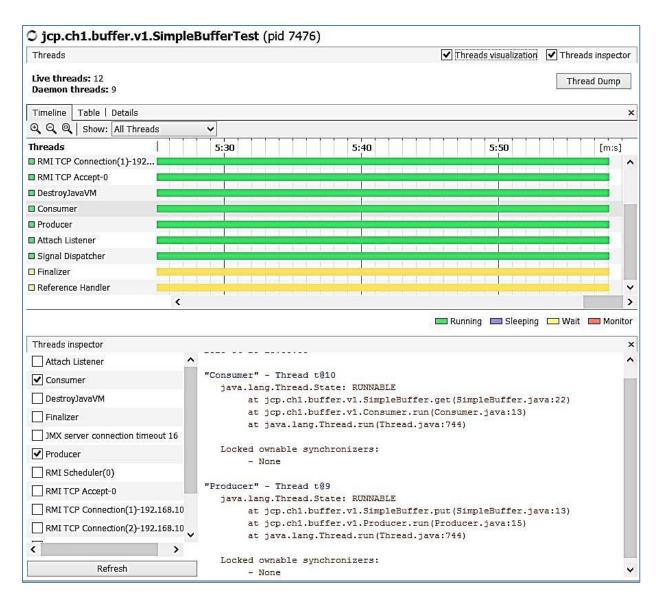
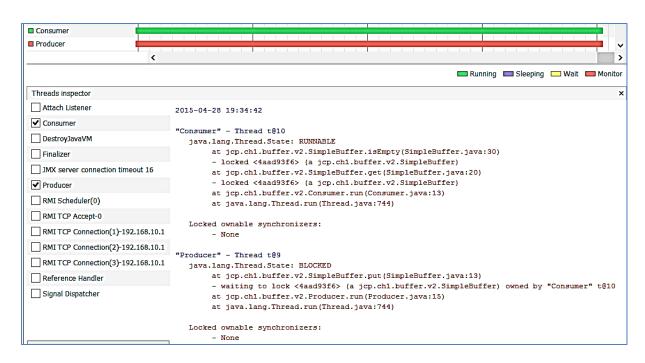


Figure 1.7 The states of the Producer and Consumer threads when livelock occurred



**Figure 1.9** Thread states in the starvation situation: One was in RUNNABLE state while the other was in BLOCKED state

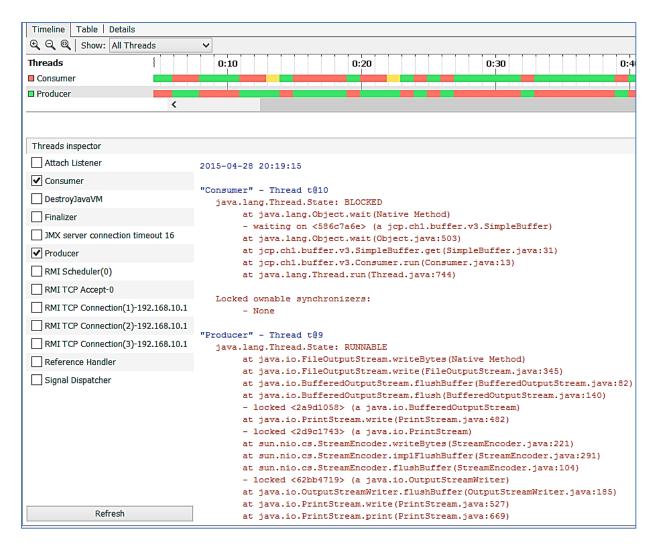


Figure 1.10 States of the Producer and Consumer threads with the SimpleBuffer class implemented with guarded blocks

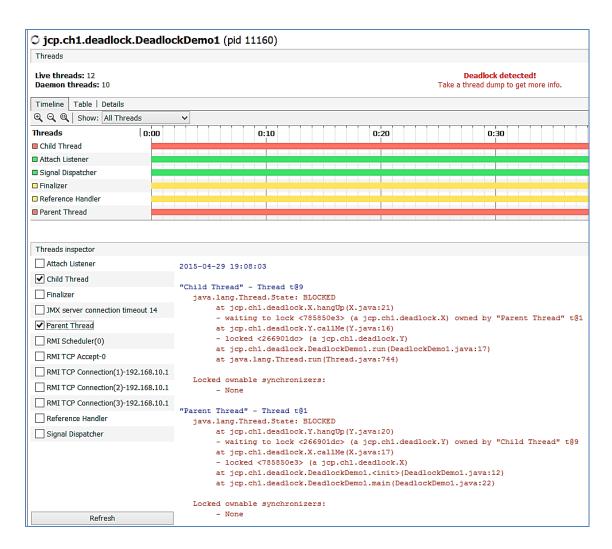


Figure 1.12 A deadlock detected on the jvisualvm tool