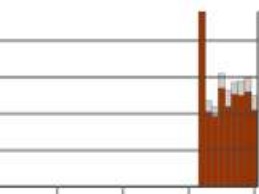


resource	Lock Contention
Thread Pool	TP
Critical Section	Lock LockContentionBug SHOW LOCK OWNERS
Data Access	BugSettings.applyLockContentionBug
Operation	com.pel.ucd.inject

Prevalence of Stack



Method Invocations on each Stack

Native Code	ZwWaitForSingleObject
	RtlInitializeExceptionChain
com.pel.ucd.inject	com.pel/ucd/inject/ LockContentionBug.generateBug() line 20
	com.pel/ucd/inject/ BugSettings.applyLockContentionBug() line 109
com.ibatis.struts	com/ibatis/struts/ BeanAction.execute() line 120
Apache Struts	org/apache/struts/action/ RequestProcessor.processActionPerform() line 484
	org/apache/struts/action/ ActionServlet.doGet() line 507
Servlet Container	org/apache/catalina/core/ StandardWrapperValve.invoke() line 233
	org/apache/catalina/ha/session/ JvmRouteBinderValve.invoke() line 227
Apache Tomcat	org/apache/catalina/connector/ CoyoteAdapter.service() line 293
org.apache.jk.server	org/apache/jk/server/ JkCoyoteHandler.invoke() line 190
org.apache.jk.common	org/apache/jk/common/ HandlerRequest.invoke() line 291
	org/apache/jk/common/ ChannelSocket\$SocketConnection.runIt() line 898
Apache Tomcat	org/apache/tomcat/util/threads/ ThreadPool\$ControlRunnable.run() line 690



```

public class LockContentionBug
{
    public static void generateBug()
    {
        //heavyWorkThread();
        synchronized(LockContentionBug.class)
        {
            heavyWork(50);
            //heavyWorkThread();
            //heavyWorkThread();
        }
    }

    static void heavyWorkThread()
    {
        new Thread(new Runnable()
        {
            public void run() { heavyWork(100); }
        }).start();
    }

    private static void heavyWork(int deepness)
    {
        //for (int x=0;x<10000;x++)
        {
            System.out.println("\nAbout to start calculating Pi...");
            BigDecimal pi = CalculatePi.calculatePi(deepness);
            System.out.println("\nthe final value of Pi is ..." + pi);
        }
    }
}

```