**SUMMARY**

A concurrency bug in jakarta-tomcat-3.2.2b1, also with jakarta-tomcat-3.2.1

**DETAILS**

Some details can also be found at: https://bz.apache.org/bugzilla/show\_bug.cgi?id=728

This bug is due to a data race.

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| Thread1 (SimplePool.java) | Thread2 (SimplePool.java) |
| public void put(Object o) {  int idx=-1;  synchronized( lock ) {  if( current < max )  idx=++current;  }  if( idx > 0 )  pool[idx]=o;  } | public Object get() {  int idx=-1;  synchronized( lock ) {  if( current >= 0 )  idx=current--;  }  if( idx >= 0 )  return pool[idx];  return null;  } |
| 0-lock | 0-lock |