```
notified = false;
while(!notified) {
    rc = pthread_cond_timedwait(
            &cond, &lock, &timeToWait);
    if(rc == ETIMEDOUT) {
        break;
    }
}
```

Apache3278

Root Cause:
A data race between signal and timedwait.
Two possible situation:
1.signal -> timedwait: timedwait return ETIMEDOUT(>0) in the last iteration.
2. timedwait -> signal: timedwait will always return 0.