

```
36     public void resize() {
37         boolean[] mark = {false};
38         Thread me = Thread.currentThread();
39         if (owner.compareAndSet(null, me, false, true)) {
40             try {
41                 if (!policy()) { // someone else resized first
42                     return;
43                 }
44                 quiesce();
45                 int newCapacity = 2 * table.length;
46                 List<T>[] oldTable = table;
47                 table = (List<T>[]) new List[newCapacity];
48                 for (int i = 0; i < newCapacity; i++)
49                     table[i] = new ArrayList<T>();
50                 locks = new ReentrantLock[newCapacity];
51                 for (int j = 0; j < locks.length; j++) {
52                     locks[j] = new ReentrantLock();
53                 }
54                 initializeFrom(oldTable);
55             } finally {
56                 owner.set(null, false);
57             }
58         }
59     }
```

FIGURE 13.10 RefinableHashSet<T> class: resize() method.