

```
15  public boolean policy() {
16      return setSize.get() / table.length > 4;
17  }
18  public void resize() {
19      lock.lock();
20      try {
21          if (!policy()) {
22              return; // someone beat us to it
23          }
24          int newCapacity = 2 * table.length;
25          List<T>[] oldTable = table;
26          table = (List<T>[]) new List[newCapacity];
27          for (int i = 0; i < newCapacity; i++)
28              table[i] = new ArrayList<T>();
29          for (List<T> bucket : oldTable) {
30              for (T x : bucket) {
31                  table[x.hashCode() % table.length].add(x);
32              }
33          }
34      } finally {
35          lock.unlock();
36      }
37  }
```

FIGURE 13.4 CoarseHashSet<T> class: the policy() and resize() methods.