

```

1  public class StripedHashSet<T> extends BaseHashSet<T>{
2      final ReentrantLock[] locks;
3      public StripedHashSet(int capacity) {
4          super(capacity);
5          locks = new Lock[capacity];
6          for (int j = 0; j < locks.length; j++) {
7              locks[j] = new ReentrantLock();
8          }
9      }
10     public final void acquire(T x) {
11         locks[x.hashCode() % locks.length].lock();
12     }
13     public void release(T x) {
14         locks[x.hashCode() % locks.length].unlock();
15     }
16     ...
17 }

```

FIGURE 13.5 StripedHashSet<T> class: fields, constructor, and acquire() and release() methods.