

```
1  public class RefinableHashSet<T> extends BaseHashSet<T>{  
2      AtomicMarkableReference<Thread> owner;  
3      volatile ReentrantLock[] locks;  
4      public RefinableHashSet(int capacity) {  
5          super(capacity);  
6          locks = new ReentrantLock[capacity];  
7          for (int i = 0; i < capacity; i++) {  
8              locks[i] = new ReentrantLock();  
9          }  
10         owner = new AtomicMarkableReference<Thread>(null, false);  
11     }  
12     ...  
13 }
```

**FIGURE 13.8** RefinableHashSet<T> class: fields and constructor.