

```

1  public abstract class PhasedCuckooHashSet<T> {
2      volatile int capacity;
3      volatile List<T>[][] table;
4      public PhasedCuckooHashSet(int size) {
5          capacity = size;
6          table = (List<T>[][]) new java.util.ArrayList[2][capacity];
7          for (int i = 0; i < 2; i++) {
8              for (int j = 0; j < capacity; j++) {
9                  table[i][j] = new ArrayList<T>(PROBE_SIZE);
10             }
11         }
12     }
13     ...
14 }

```

FIGURE 13.24 PhasedCuckooHashSet<T> class: fields and constructor.