

```
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.