can use this same Vector to return a sum of salaries for any employee and his or her subordinates.

```
public long getSalaries() {
        long sum = salary;
        for (int i = 0; i < employees.size(); i++) {
        sum +=
            ((Employee)employees.elementAt(i)).getSalaries();
    }
    return sum;
}
```

Note that this method starts with the salary of the current Employee and then calls the *getSalaries* method on each subordinate. This is, of course, recursive, and any employees who themselves have subordinates will be included. A diagram of these classes in shown in Figure 11.2.

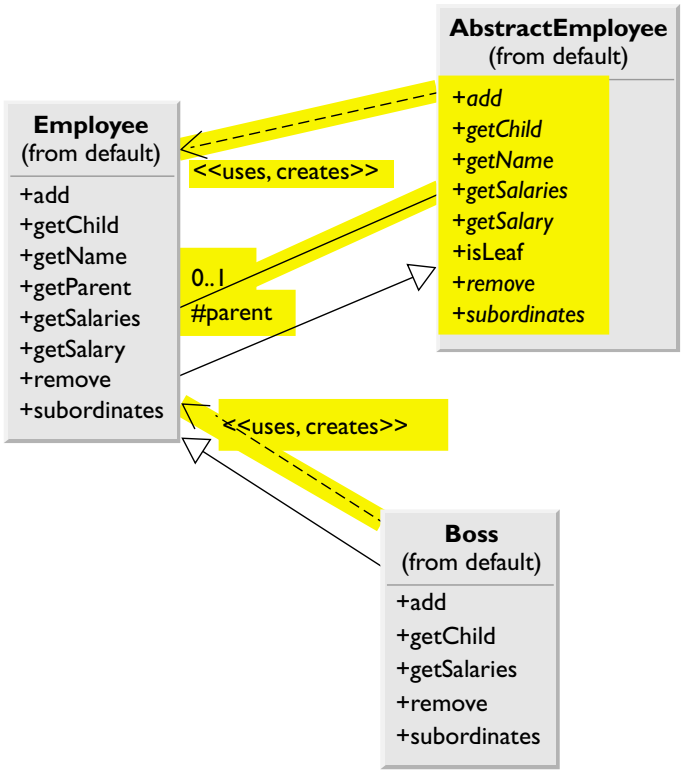

Figure 11.2 The AbstractEmployee class and how Employee and Boss are derived from it.