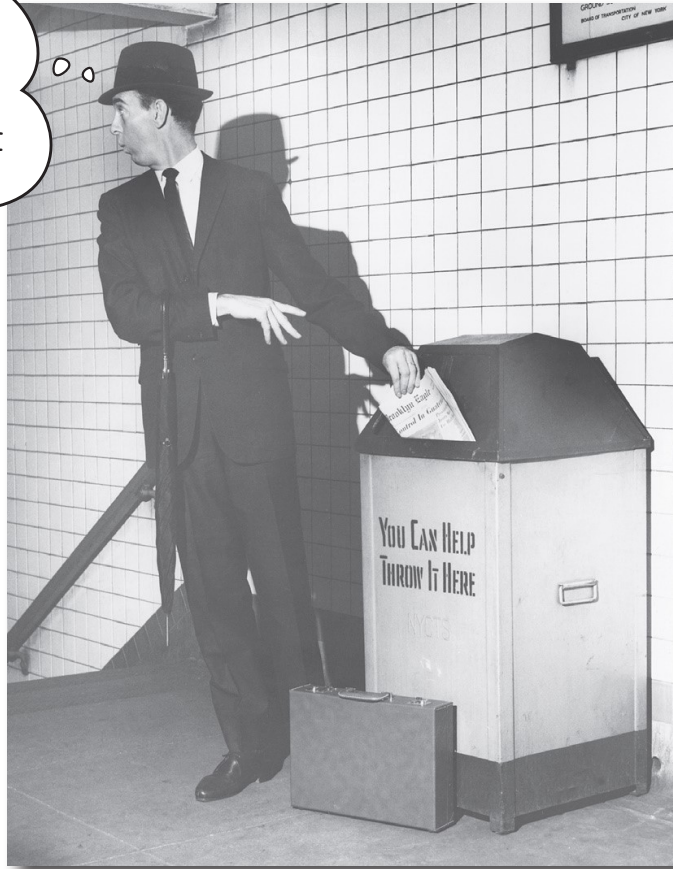


6 the Command Pattern

✦ *Encapsulating Invocation* ✦

These top secret drop boxes have revolutionized the spy industry. I just drop in my request and people disappear, governments change overnight, and my dry cleaning gets done. I don't have to worry about when, where, or how; it just happens!



In this chapter, we take encapsulation to a whole new level: we're going to encapsulate method invocation. That's right—by encapsulating method invocation, we can crystallize pieces of computation so that the object invoking the computation doesn't need to worry about how to do things, it just uses our crystallized method to get it done. We can also do some wickedly smart things with these encapsulated method invocations, like save them away for logging or reuse them to implement undo functionality in our code.