

```
1 public class RegularBooleanMRSWRegister implements Register<Boolean> {
2     ThreadLocal<Boolean> last;
3     boolean s_value; // safe MRSW register
4     RegularBooleanMRSWRegister(int capacity) {
5         last = new ThreadLocal<Boolean>() {
6             protected Boolean initialValue() { return false; };
7         };
8     }
9     public void write(Boolean x) {
10        if (x != last.get()) {
11            last.set(x);
12            s_value = x;
13        }
14    }
15    public Boolean read() {
16        return s_value;
17    }
18 }
```

FIGURE 4.7 The RegularBooleanMRSWRegister class: a regular Boolean MRSW register constructed from a safe Boolean MRSW register.