

```

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.