



Sharpen your pencil Solution

For each solution, describe its applicability to the problem of fixing the Chocolate Boiler code:

Synchronize the getInstance() method:

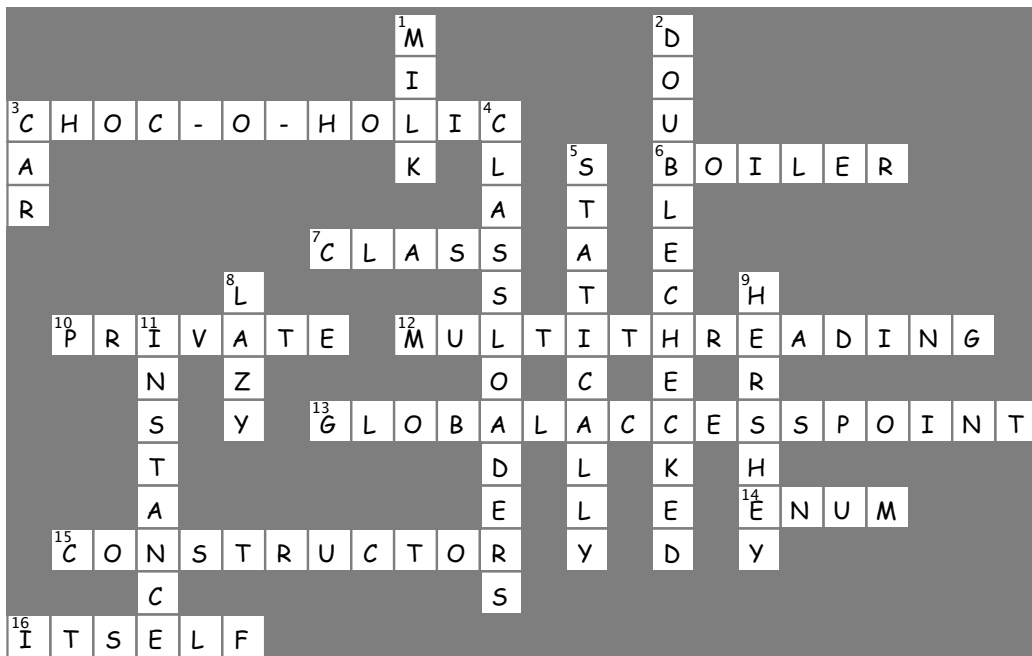
A straightforward technique that is guaranteed to work. We don't seem to have any performance concerns with the chocolate boiler, so this would be a good choice.

Use eager instantiation:

We are always going to instantiate the chocolate boiler in our code, so statically initializing the instance would cause no concerns. This solution would work as well as the synchronized method, although perhaps be less obvious to a developer familiar with the standard pattern.

Double-checked locking:

Given we have no performance concerns, double-checked locking seems like overkill. In addition, we'd have to ensure that we are running at least Java 5.



Design
Patterns
Crossword
Solution