

## Exercise 15.2 – Job Scheduling for the Bank Application

### The Setup:

The goal of this exercise is to add a monthly reporting task to the bank application. Start by copying the **exercise13\_2** project to **exercise15\_2**, and update the pom.xml with the new name and the additional dependencies needed for scheduling (see previous exercise).

### The Exercise:

Add a **printAccountStatements()** method to both the **AccountService** class and interface. This method should be executed every 10 seconds, and should print an account overview to the console.

The output for **printAccountStatements()** should match:

```
Statement for Account: 4253892
Account Holder: John Doe
-Date-----Description-----Amount-----
  Fri Jun 12 23:31:16 GMT 2009          deposit          12450.00
  Fri Jun 12 23:31:16 GMT 2009          deposit           314.00
  Fri Jun 12 23:31:16 GMT 2009    payment of invoice 10232         -100.00
-----
                                Current Balance:          12664.00

Statement for Account: 1263862
Account Holder: Frank Brown
-Date-----Description-----Amount-----
  Fri Jun 12 23:31:16 GMT 2009          deposit           240.00
  Fri Jun 12 23:31:16 GMT 2009          deposit           529.00
  Fri Jun 12 23:31:16 GMT 2009          withdraw          -361.10
  Fri Jun 12 23:31:16 GMT 2009    payment of invoice 10232          100.00
-----
                                Current Balance:           507.90
```

Since this is usually printed by the last section of code in **Application.java**, you can move this code from **Application.java** into the **printAccountStatements()** method.

