

## Prepared Statements

Work from Eclipse

Import the BobbyTables project and check the two different solutions – one without and one with PreparedStatements. Run the the classes and observe the difference in their behaviour.

Find a DB-class in the FFC project, or in Company. Convert all the SQL code to PreparedStatements. Make sure that **inserts**, **updates**, and **queries** are converted.

Remember, there is a performance gain if you re-use your prepared statements. Therefore, you should only create them once, and re-use them later.

1. Create constants (private static final String ...) to store the SQL in the class
2. Create instance variables that hold the PreparedStatements
3. In the constructor, initialize the PreparedStatement objects using the constants
4. In the methods, use the PreparedStatement objects
  - a. set the parameters
  - b. execute

There is a partial solution in ffc-db-exercise\_10\_session\_5.zip, should you get stuck. Check the **BreedDB** and the **DBConnection** classes!