Connecting and Querying the Database



Bryan Hansen
@bh5k



JDBC Driver

```
String url = "jdbc:mysql://localhost:3306/library_db";
String username = "root";
String password = "pass";

Connection con = DriverManager.getConnection (url, username, password);
```

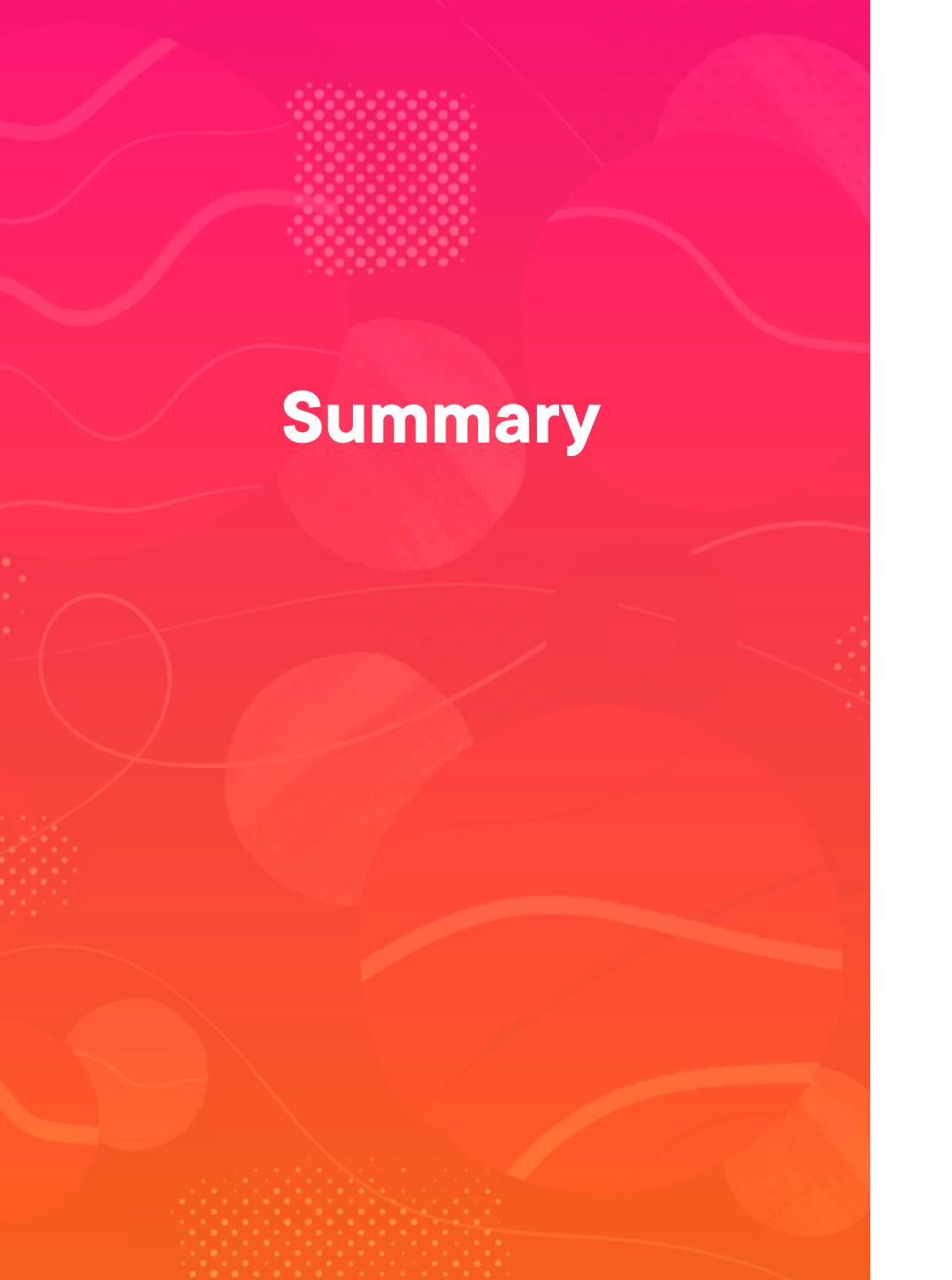
DriverManager

AbstractDao.java

```
public class AbstractDao {
 protected Connection getConnection () {
   String url = "jdbc:mysql://localhost:3306/library_db";
   String username = "root";
   String password = "pass";
   Connection con = DriverManager.getConnection (url, username,
   password);
```

Dao.java

```
public interface Dao<T> {
    Optional<T> findById(long id);
    List<T> findAll();
   void save(T t);
    void update(T t, String[] params);
   void delete(T t);
```



JDBC Driver

Driver Manager

Dao

AbstractDao