

Trabalho 04 - BD2

Guilherme Rimoldi Kameoka Júlio César de Jesus Batista

Incluindo uma sessão de configuração para executar a classe MyQueries no arquivo build.xml:

```
<!-- adicionado sessao de configuracao para executar a classe myQueries (item 2 da lista) -->
<target name="mycode">
  <java classname="com.oracle.tutorial.jdbc.MyQueries"
    classpathref="CLASSPATH" fork="true" dir=".">
    <arg value="${PROPERTIESFILE}" />
  </java>
</target>
```

Alterando o código do myQueries.java (código antigo comentado)

```
public static void getMyData(String supplierName, Connection con) throws SQLException {
    Statement stmt = null;
    // String query =
    // "SELECT COFFEES.COF_NAME FROM COFFEES, SUPPLIERS WHERE SUPPLIERS.SUP_NAME
    // LIKE '" +
    // supplierName + "' and SUPPLIERS.SUP_ID = COFFEES.SUP_ID";
    String query = "SELECT S.SUP_NAME, COUNT(C.SUP_ID) AS QTD FROM SUPPLIERS S, COFFEES C WHERE C.SUP_ID = S.SUP_ID GROUP BY S.SUP_NAME";
}
```

Compilar, reiniciar o banco e executar o novo código: ant jar; ant setup; ant mycode

```
guilhermekameoka@MacBook-Air-de-Guilherme JDBCTutorial % ant jar; ant setup; ant mycode
Buildfile: /Users/guilhermekameoka/Desktop/mydir/JDBCTutorial/build.xml

compile:
[echo] JDBC Tutorial is using /opt/homebrew/opt/openjdk/bin/javac as Java compiler
[javac] Compiling 1 source file to /Users/guilhermekameoka/Desktop/mydir/JDBCTutorial/classes
[javac] /Users/guilhermekameoka/Desktop/mydir/JDBCTutorial/src/com/oracle/tutorial/jdbc/MyQueries.java:57: error: method getMyData in class MyQueries cannot be applied to given types;
[javac]   MyQueries.getMyData(myConnection);
[javac]   ^
[javac]   required: String,Connection
[javac]   found:    Connection
[javac]   reason: actual and formal argument lists differ in length
[javac] 1 error

BUILD FAILED
/Users/guilhermekameoka/Desktop/mydir/JDBCTutorial/build.xml:67: Compile failed; see the compiler error output for details.

Total time: 0 seconds
Buildfile: /Users/guilhermekameoka/Desktop/mydir/JDBCTutorial/build.xml

setup:
drop-tables:
[sql] Executing resource: /Users/guilhermekameoka/Desktop/mydir/JDBCTutorial/sql/javadb/drop-tables.sql
[sql] 8 of 8 SQL statements executed successfully

build-tables:
[sql] Executing resource: /Users/guilhermekameoka/Desktop/mydir/JDBCTutorial/sql/javadb/create-tables.sql
[sql] 8 of 8 SQL statements executed successfully

populate-tables:
[sql] Executing resource: /Users/guilhermekameoka/Desktop/mydir/JDBCTutorial/sql/javadb/populate-tables.sql
[sql] 40 of 40 SQL statements executed successfully

BUILD SUCCESSFUL
Total time: 0 seconds
Buildfile: /Users/guilhermekameoka/Desktop/mydir/JDBCTutorial/build.xml

mycode:
[java] Error: Could not find or load main class com.oracle.tutorial.jdbc.MyQueries
[java] Caused by: java.lang.ClassNotFoundException: com.oracle.tutorial.jdbc.MyQueries
[java] Java Result: 1

BUILD SUCCESSFUL
Total time: 0 seconds
guilhermekameoka@MacBook-Air-de-Guilherme JDBCTutorial %
```

Note que não conseguimos executar o comando `ant jar` (build failed). Porém os comando `ant setup` e `ant mycode` deram build successful.

Configurando o arquivo `comp` para o ambiente do macOS

```
1  #!/bin/sh -
2
3  # derby=/usr/share/java/derby.jar
4  derby=/opt/homebrew/opt/derby/libexec/lib/derbytools.jar
5  mypath=/Users/guilhermekameoka/Desktop/mydir/JDBCTutorial
6  mypackage=com/oracle/tutorial/jdbc
7
8  postgres=/Users/guilhermekameoka/Desktop/mydir/JDBCTutorial/BD2-14-postgresql-42.2.4.jar
9
10 if [ -r $mypath/src/$mypackage/$1.java -a -r $mypath/$2 ]
11 then
12     javac -cp "$derby:$mypath/classes:$mypath/lib/JDBCTutorial.jar:$postgres" $mypath/src/$mypackage/$1.java
13
14     if [ -r $mypath/src/$mypackage/$1.class ]
15     then
16         mv $mypath/src/$mypackage/$1.class $mypath/classes/$mypackage/
17
18         java -cp "$derby:$mypath/classes:$postgres" $mypackage/$1 $mypath/$2
19     fi
20 else
21     echo Missing file, check:
22     ls $mypath/src/$mypackage/$1.java
23     ls $mypath/$2
24 fi
```

Executando: `./comp MyQueries properties/javadb-sample-properties.xml`

```
guilhermekameoka@MacBook-Air-de-Guilherme JDBCTutorial % ./comp MyQueries properties/javadb-sample-properties.xml
/Users/guilhermekameoka/Desktop/mydir/JDBCTutorial/src/com/oracle/tutorial/jdbc/MyQueries.java:57: error: method getMyData in class MyQueries cannot be applied to given types;
    MyQueries.getMyData(myConnection);
                  ^
  required: String,Connection
  found:    Connection
  reason: actual and formal argument lists differ in length
1 error
guilhermekameoka@MacBook-Air-de-Guilherme JDBCTutorial %
```

Note que aqui deu o mesmo erro no `myConnection` usando o `ant jar`