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Database Connection Lab

While fairly similar, there are a few differences between how the two servers connect in Java. For creating the connection, Class.forName has to be set to “com.microsoft.sqlserver.jdbc.SQLServerDriver”  
DriveManager now needs to use “jdbc:sqlserver://” and have semicolons dividing up the connection information. Alternatively to using the sql password, the windows integrated login can also be used by specifying “integratedSecurity=true;”

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| private static void SqlServerQuery(){  Connection conn = *SqlServerDBConnection*();  try{  Statement statement = conn.createStatement();  String sql = "select PersonId, FirstName, LastName from dbo.Person";   ResultSet rs = statement.executeQuery(sql);  while(rs.next()){  int personId = rs.getInt(1);  String firstName = rs.getString(2);  String lastName = rs.getString(3);   *logger*.info(personId + ": " + firstName + " " + lastName);  }  conn.close();  } catch (Exception ex) {  *logger*.error(ex);  } } |
| private static Connection SqlServerDBConnection() {  String dbHost = "MNLT180";  String dbName = "AstonEngineer";  String dbUser = "sa";  String dbPass = "saPassword";   try{  Class.*forName*("com.microsoft.sqlserver.jdbc.SQLServerDriver");  Connection con = DriverManager.*getConnection*("jdbc:sqlserver://" + dbHost + ";databaseName=" + dbName + ";user=" + dbUser + ";password=" + dbPass);  return con;   } catch (Exception ex){  *logger*.error(ex);  return null;  } } |