

# **Oracle SQL Developer Guide**

Before downloading and using the SQL developer, make sure that the java JDK 8 (or later) is properly installed. You may download JDK 8 from

<http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>.

You will also need an Oracle account to be able to down the software. If you do not have the account, you may register it with the following link:

<https://profile.oracle.com/myprofile/account/create-account.jspx>.

## **1. To install on a Windows system, follow these steps:**

1. Go to the Oracle Technology Network page for SQL Developer at <http://www.oracle.com/technetwork/developer-tools/sql-developer/>
2. Click the Download button.
3. Read and accept the license agreement.
4. Download the software.
5. Unzip the downloaded file into C:\, which will create C:\sqldeveloper with files and folders in and under it. To start SQL Developer, go to the sqldeveloper directory under the SQL Developer installation directory (for example, on a Windows system this might be C:\sqldeveloper), and double-click sqldeveloper.exe.

Note: If you are asked to enter the full pathname for the JDK, click Browse and find it. For example, on a Windows system the path might have a name like C:\Program Files\Java\jdk1.7.0\_51.

## **2. To install on a Mac OS X system, follow these steps:**

1. Go to the Oracle Technology Network page for SQL Developer at <http://www.oracle.com/technetwork/developer-tools/sql-developer/>
2. Click the Download button.
3. Read and accept the license agreement.
4. Download the software.
5. Unzip the SQL Developer kit into a directory (folder) of your choice. This directory location will be referred to as <sqldeveloper\_install>. On Mac OS X, unzipping the SQL Developer kit causes an app named sqldeveloper to be created under the <sqldeveloper\_install> directory.

6. To start SQL Developer, double-click the app icon.

### **3. To install on a Linux system, follow these steps:**

1. Go to the Oracle Technology Network page for SQL Developer at <http://www.oracle.com/technetwork/developer-tools/sql-developer/>

2. Click the Download button.

3. Read and accept the license agreement.

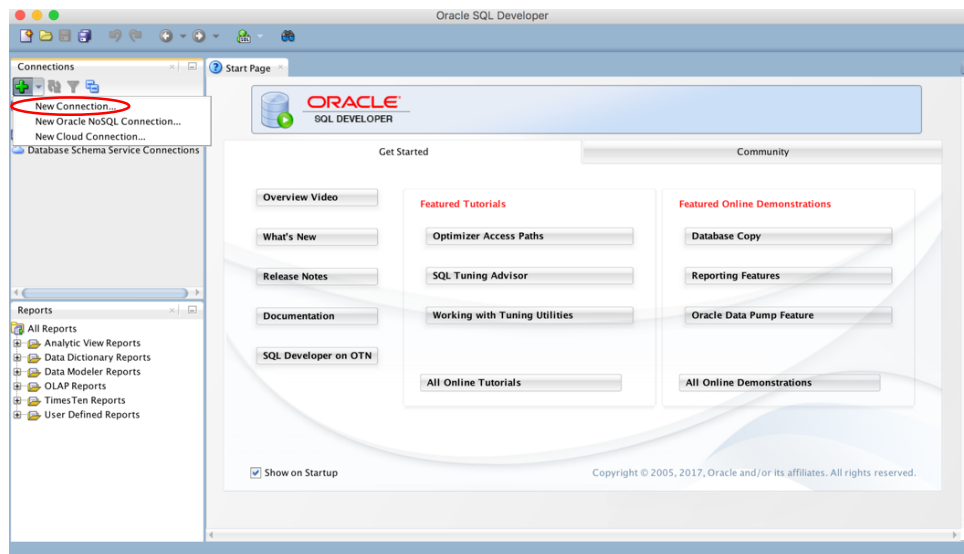
4. Download the software.

5. Unzip the SQL Developer kit into a directory (folder) of your choice. This directory location will be referred to as <sqldeveloper\_install>. Unzipping the SQL Developer kit causes a directory named sqldeveloper to be created under the <sqldeveloper\_install> directory. It also causes many files and directories to be placed in and under that directory.

6. To start SQL Developer, go to the sqldeveloper directory under the directory, and run *sh sqldeveloper.sh*

### **4. To connect with the Oracle DB provided by the class:**

1. Create a new connection. (see figure below)



2. Enter the following details as shown on the figure below: Connection Name, **Your Oracle Username**, **Your Oracle Password**, Hostname, Port and SID.

The screenshot shows the 'New / Select Database Connection' dialog box. The 'Connection Name' field is set to 'DB'. The 'Username' field is empty. The 'Password' field is empty. The 'Connection Type' is set to 'Basic'. The 'Role' is set to 'default'. The 'Hostname' is 'class3.cs.pitt.edu', the 'Port' is '1521', and the 'SID' is 'dbclass'. The 'Service name' is not selected. The 'OS Authentication' and 'Kerberos Authentication' checkboxes are unchecked. The 'Advanced...' button is visible. The 'Status' field is empty. The 'Help', 'Save', 'Clear', 'Test', 'Connect', and 'Cancel' buttons are at the bottom.

3. Click on **Save** to save the configuration, then click on **Connect** to connect with the DB.
4. Now you should be able to enter your SQL statements with the provided IDE. **Enjoy!**