

Setting up our database (Oracle 11g XE)

Note: 64 bit machine is required for this install.

- Download at <http://www.oracle.com/technetwork/database/database-technologies/express-edition/overview/index.html>
- Unzip
- Double click on setup.exe
- Allow program to make changes on computer
- Click Next
- Accept terms
- Click Next
- *Leave everything default, but notice the destination folder is C:\oraclexe*
- Click Next
- *Leave the ports to their default, but we should write these down:*
 - TNS Port : 1521
 - MTS Port : 2030
 - HTTP Port : 8080
- Click Next
- *Now we will create a password for users SYS and SYSTEM*
- Set your password to : admin
- Click Next
- Click Install
- *This will take a bit so be patient.*
- Click Finish

Confirm installation

- To make sure our Oracle 11g XE Database is running correctly, go to <http://localhost:8080/apex>
- What you are looking at is called **Oracle Application Express (Apex)** which is a tool for managing an Oracle database. However, there is a competing tool called **Oracle SQL Developer**. We will be using SQL Developer during training.
- Now it is time to set up **SQL Developer**.

Setting up SQL Developer

- Download at <http://www.oracle.com/technetwork/developer-tools/sql-developer/downloads/sqldev-downloads-v413-3211385.html>
- *Now you should see a folder called **sqldeveloper-4.1.3.20.78-no-jre***
- Put the **sqldeveloper-4.1.3.20.78-no-jre** directory into **C:\Program Files**
- Go to C:\Program Files\sqldeveloper-4.1.3.20.78-no-jre\sqldeveloper
- Double click on sqldeveloper.exe

- When asked for **jdk location**, enter: C:\Program Files\Java\jdk1.8.0_60
- *SQL Developer should open. I recommend pinning this program to the taskbar.*

Create **Connection** in SQL Developer to SYSTEM user in Oracle 11g XE Database

- Click the green plus sign in the top left of the “Connections” tab
- Set the following values :
 - Connection Name SYSTEM – admin
 - Username SYSTEM
 - Password admin
 - Hostname localhost
 - Port 1521
 - SID xe
- Click Test
- *Make sure it says “Status : Success” in the bottom left*
- Click Connect
- *Now you should see a connection called “System – admin”*
- *NOTE: This user should ONLY be used for admin purposes. Do not create tables, sequences, triggers, etc. under this user.*

Setting up the Chinook Database

- *The Chinook Database is a sample database. You will be using this database to initially learn Structured Query Language (SQL).*
- In SQL Developer, open SYSTEM’s worksheet.
 - *This is where you may execute SQL commands*
- Copy the contents of **Chinook_Oracle.sql** and paste them into the sql worksheet.
 - *This document contains many sql commands to setup the Chinook database.*
- In the sql worksheet, press Ctrl-a
- Press Ctrl-Enter
- *This will execute the sql commands, and there are a lot of them so be patient.*
- *NOTE: the sql you just ran made a new database user*
 - Username chinook
 - Password p4ssw0rd
- In SQL Developer, create a new connection to our **chinook** user.
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