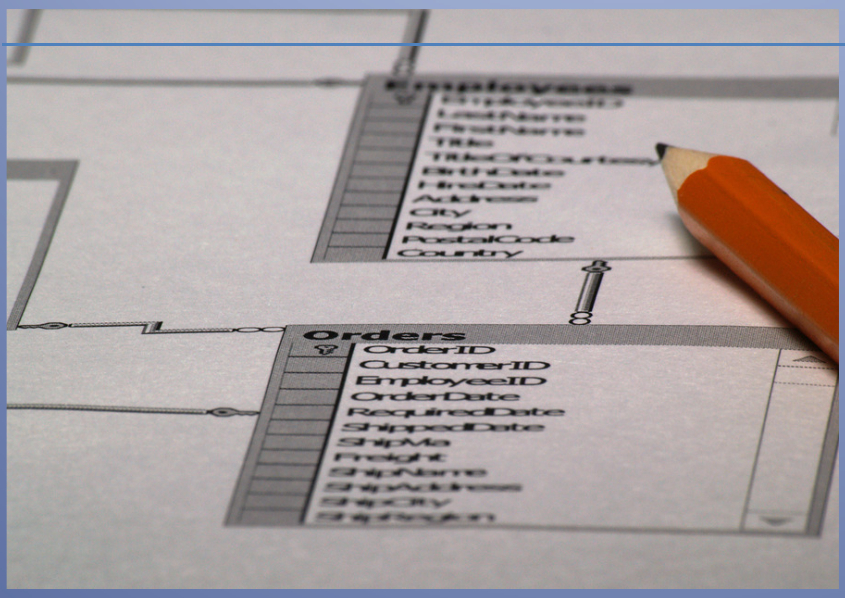


Using the MySQL Workbench

For Developers, Data Analysts and Development DBA's

Module – Getting Started

Contents

Before You Begin

Welcome to the first module. You need to read this section before starting each module. If you are not already doing so you should also be following the "Roadmap" as it will guide you through the course from beginning end.

Prerequisites

- Install eWampLearn
- Install MySQL Workbench
- Have access to all the course materials

Purpose of this Lesson

The intent of this lesson is to acclimate to the "MySQL Workbench" software. This document will be short as most of the instruction is covered in the video "MySQL_Workbench-Basic_Navigation.mp4"

Big Picture

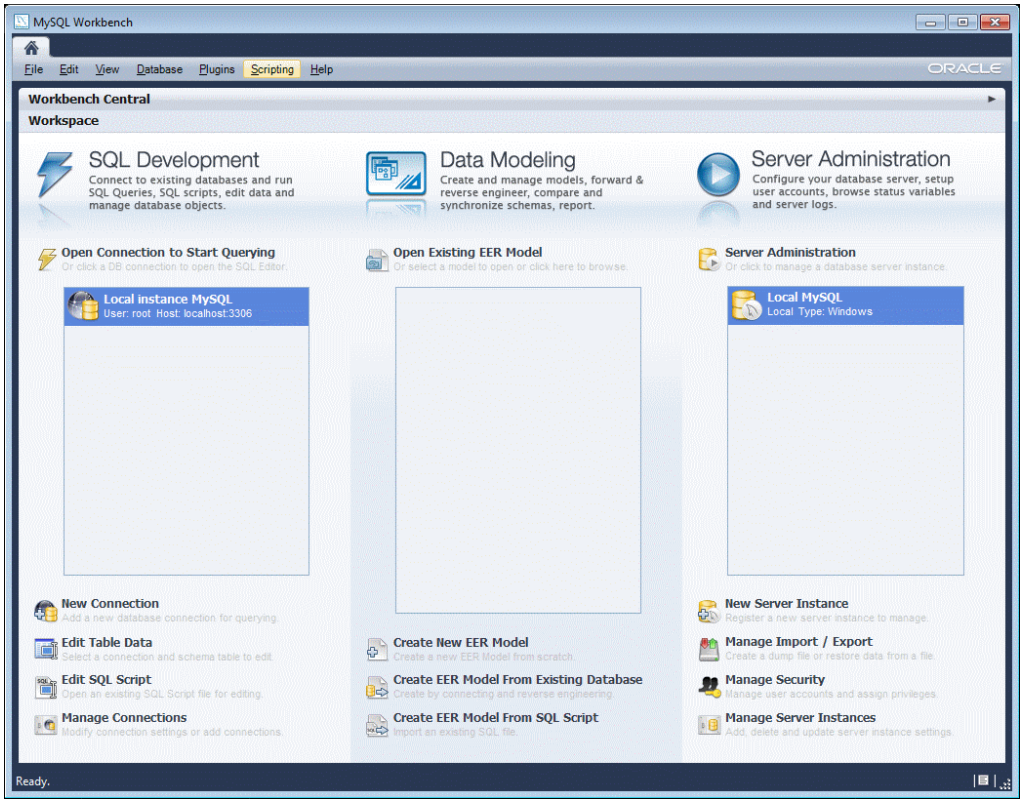
At its core SQL DML (Data Manipulation Language) involves two functions: 1) Reading from the database; 2) Writing to the database. Further, the write function involves three functions: 1) Updating a row of data; 2) Inserting a new row of data; 3) Deleting a row of data.

While facets of this course can be challenging it is good to remember that SQL DML involves these basic functions. These functions are sometimes referred to as CRUD. C=Create, R=Read (The "I" for Insert just did not allow them to create a cute acronym☺), U=Update and D=Delete.

You are now "buzzword compliant."

MySQL Workbench – Basic Navigation

Start MySQL Workbench. You will land at the following screen.



We will only be using MySQL Workbench for the purpose of this course. As such, there are many features of this program that will not be covered.

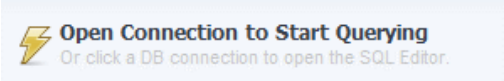
In learning MySQL DML (Data Manipulation Language) you can use the command line or you can use this workbench. The decision on which tool to use was an easy one for me to make. While the command line can be useful for certain operations it just is not a good tool to teach these materials. The Workbench is a stellar tool for learning MySQL DML. And, being free, the price is right. There are also other third party tools available for use with MySQL. I will leave that research up to you.

Watch the following video. I will briefly recap what was covered in the video in the rest of this module.

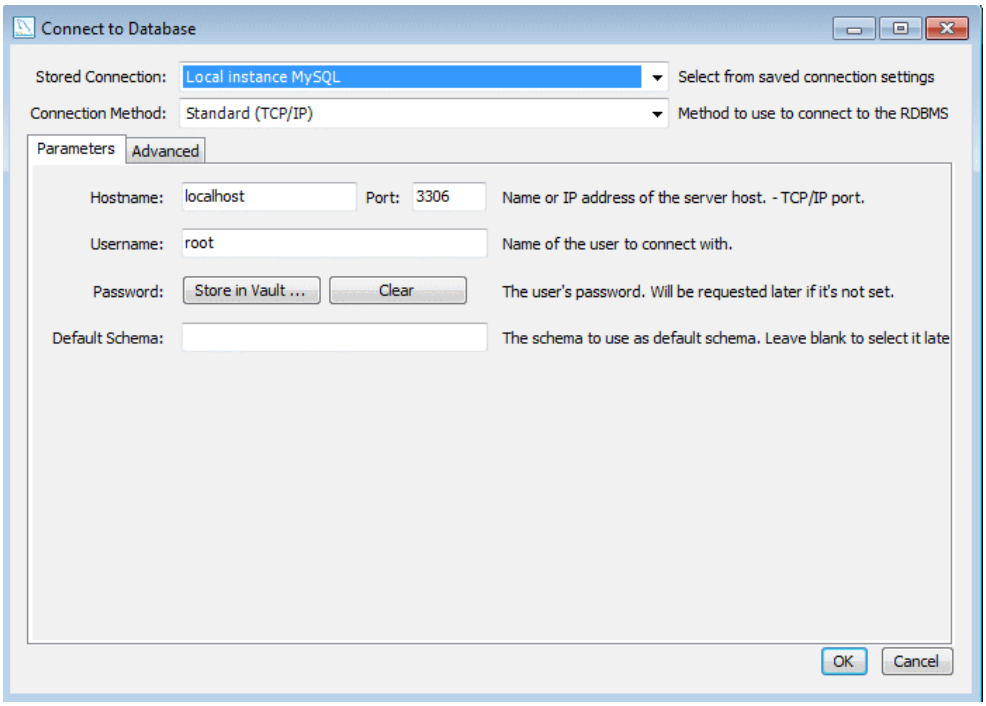
WATCH VIDEO: MySQL_Workbench–Basic_Navigation.mp4

Connecting

1. Click on “Open Connection to Start Querying.”



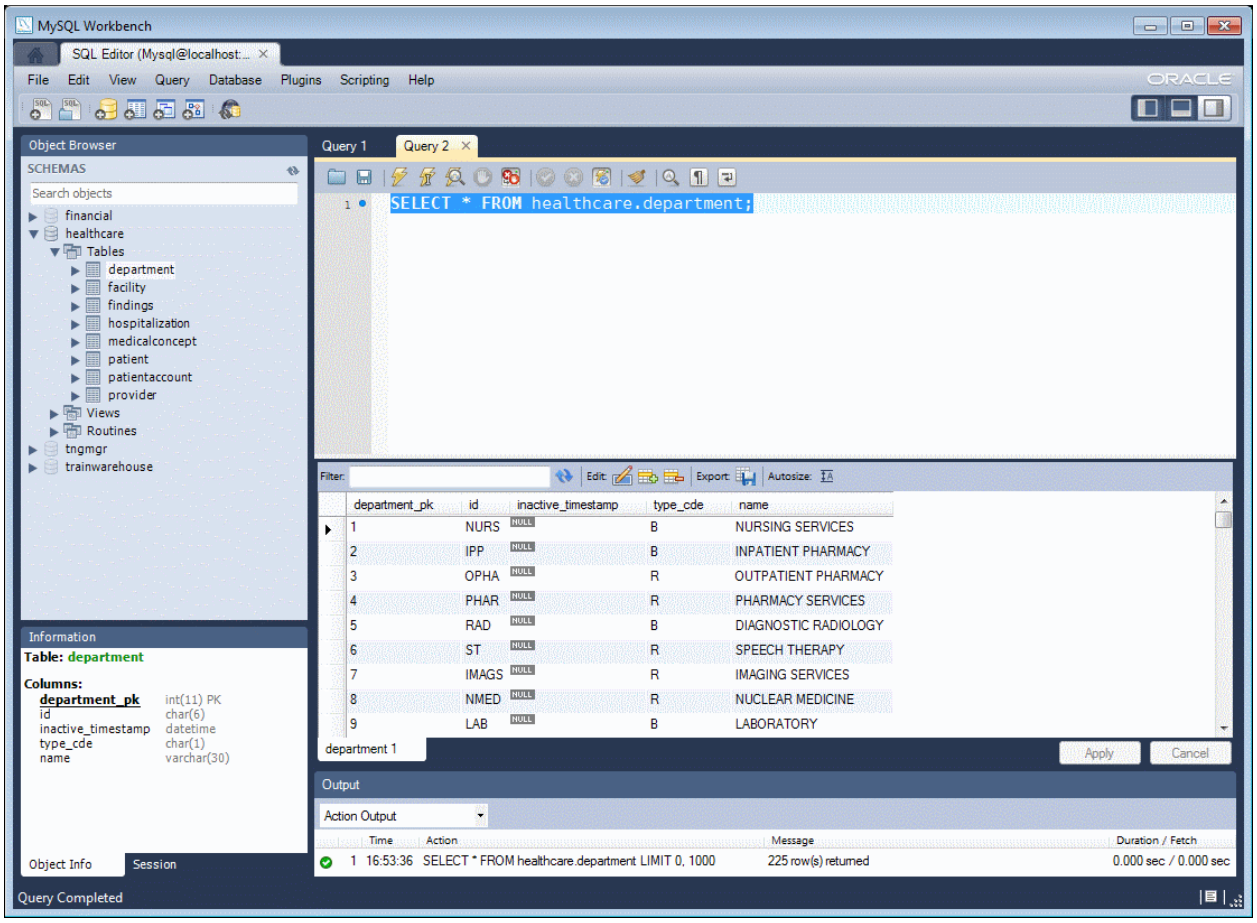
2. Check dialog as depicted (default) and click OK.



3. Enter your login password. The default password for the training package is mysqldev. You can click the “Save password in vault” checkbox to avoid having to login.

Main Screen

The left pane is the "Object Browser." This is where you access tables, launch default queries, and view schema information, and browse other SQL objects like views. To the left in the split panel is the query and results pane.



Manipulating Frames

The following buttons allow to display and hide the various frames.

ON YOUR OWN HANDS-ON EXERCISE

Setup your MySQL Workbench to look as follows.