Yacht Club Billing and System of Record Database – Client Setup

By Scott N.

## Overview

The system has two components, a MySQL data store and MS Access based user interface. It is designed so that the data is stored in a shared MySQL database in the cloud. Either a dedicated cloud site like Azure or your web hosting server. A Microsoft Access front end is what the users work with and is distributed to the different roles of the yacht club like Secretary, Treasurer and Dock Master. Many people have MS Access via Office 365, or a free (no-form editing) version can be downloaded from Microsoft.

Some customization of the MS Access file is required – changing the name of the yacht club on reports, changing burgee on reports. Things like that.

The Billing and System of Record database has 4 tasks for setting up.

Note on Windows Bittiness – Windows comes in two different versions 32 and 64 bit. Most people have 64 bit. You can check by right clicking on the Start button and brining up System. Look for System Type and it will say 64 (or 32)-bit operating system. The instructions below assume 64 bit. But if you have 32, you will need to download the 32 bit version of the ODBC driver and MS Access.

## Get the Database from GitHub

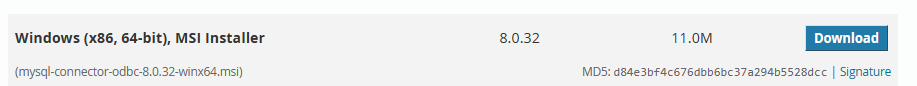
1. Go to <https://github.com/SailorScott/BillingDatabase>
2. Find file “BillingSystem.accdb”
3. Open the link
4. It will say it cannot display the file.
5. Above the message on the right is a button called *Download* – push it and save to your local machine.

## Get MySQL ODBC connector

Getting the free ODBC connector is a done via this website:

[MySQL :: Download Connector/ODBC](https://dev.mysql.com/downloads/connector/odbc/) (https://dev.mysql.com/downloads/connector/odbc/)

Select the latest version for your version of Windows, you typically want the MSI version.



After downloading, run the installer and install the ODBC connector.

## Optional - Get MS Access (non-editing version)

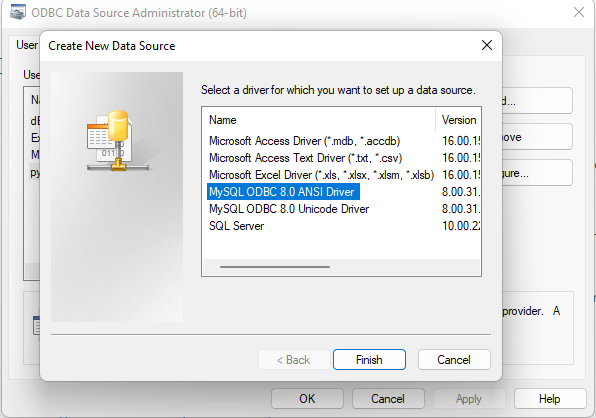
If you do not have MS Access from Office 365, you can get a free viewer version. The viewer version does not allow you to edit the forms and reports, but it does allow you to view and change the data.

Download from: [Download Microsoft Access 2016 Runtime from Official Microsoft Download Center](https://www.microsoft.com/en-us/download/details.aspx?id=50040) ( https://www.microsoft.com/en-us/download/details.aspx?id=50040)

## Make ODBC Connection

See your Web Master for access information specifically:

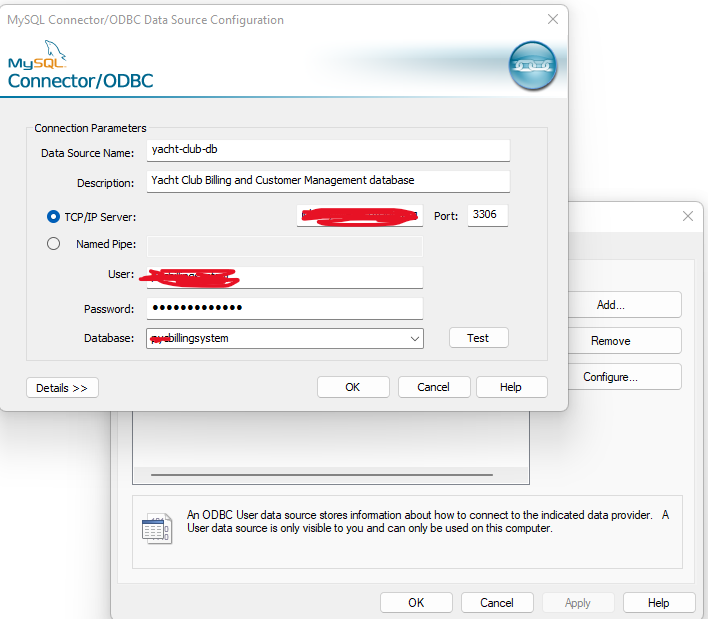
In windows serach bar, type in ODBC, if you have a 64 bit version of Windows (most people do) select the 64 bit version.



Call the Data Source Name “yacht-club-db”

You will need from your site administrator:

1. Server hosting the MySQL database (TCP\IP Server)
2. Username
3. Password
4. Database name



Note when testing I did get an error saying “string truncated” I was able to ignore without a problem.

Click OK and you are all set.

# Start Up

Double click the MS Access file downloaded in step 1.

Trust the database.

Load in your users.