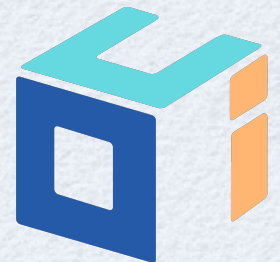


Full Stack JS Setup

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OCI | TRAINING

Node.js



- To install
 - browse <https://nodejs.org/>
 - click large, green box for "Current" to download installer
 - double-click downloaded installer and follow instructions
- To verify
 - open a terminal window (or Command Prompt in Windows)
 - enter "**node -v**" to see version installed

10.7.0 Current

Latest Features

MySQL

- Relational database used in demo
- The following slides provide instructions for installing on macOS and Windows
- To install on Linux
 - see <https://dev.mysql.com/doc/refman/5.7/en/linux-installation.html>



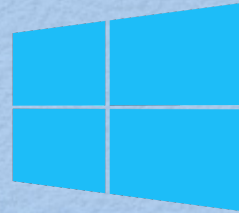
MySQL macOS Install



- Install Homebrew
 - follow instructions at <https://brew.sh/>
- Use **brew** command to install MySQL
 - open terminal window
 - enter **brew install mysql**
- Set root password to "root"
 - **mysql_secure_installation**
 - press enter for all other questions
 - **mysql -uroot -p**
 - **set global innodb_fast_shutdown = 1;**
 - **exit**
 - **mysql_upgrade -uroot -p**

will be prompted for password multiple times;
enter "root" for all

MySQL Windows Install ...



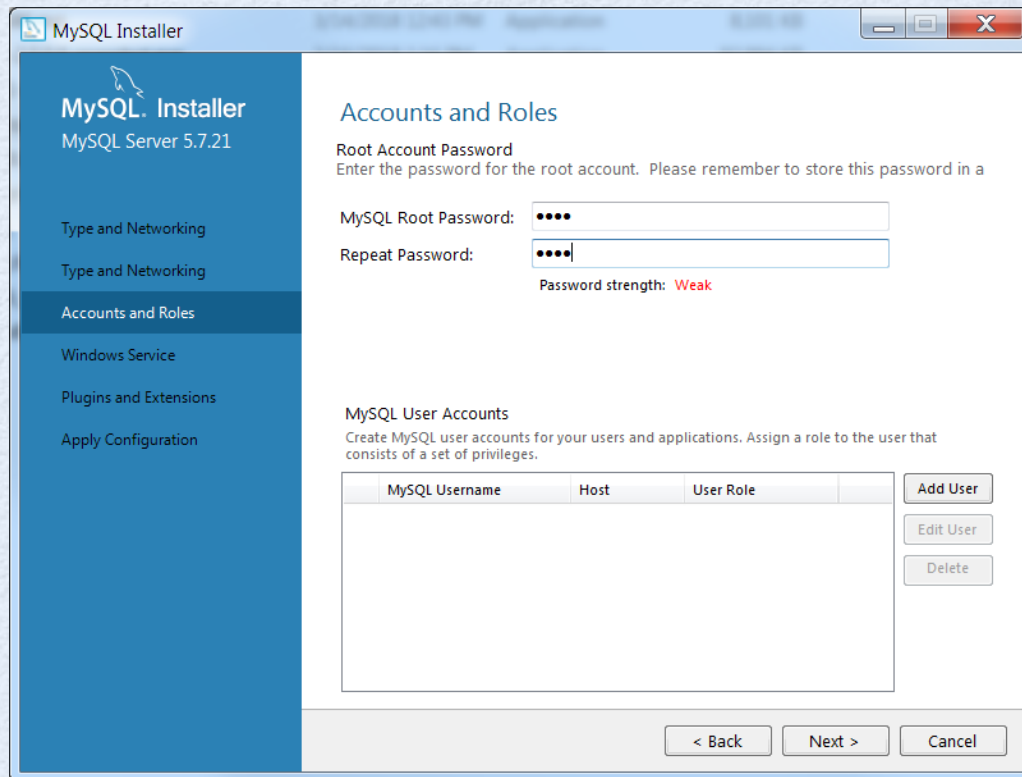
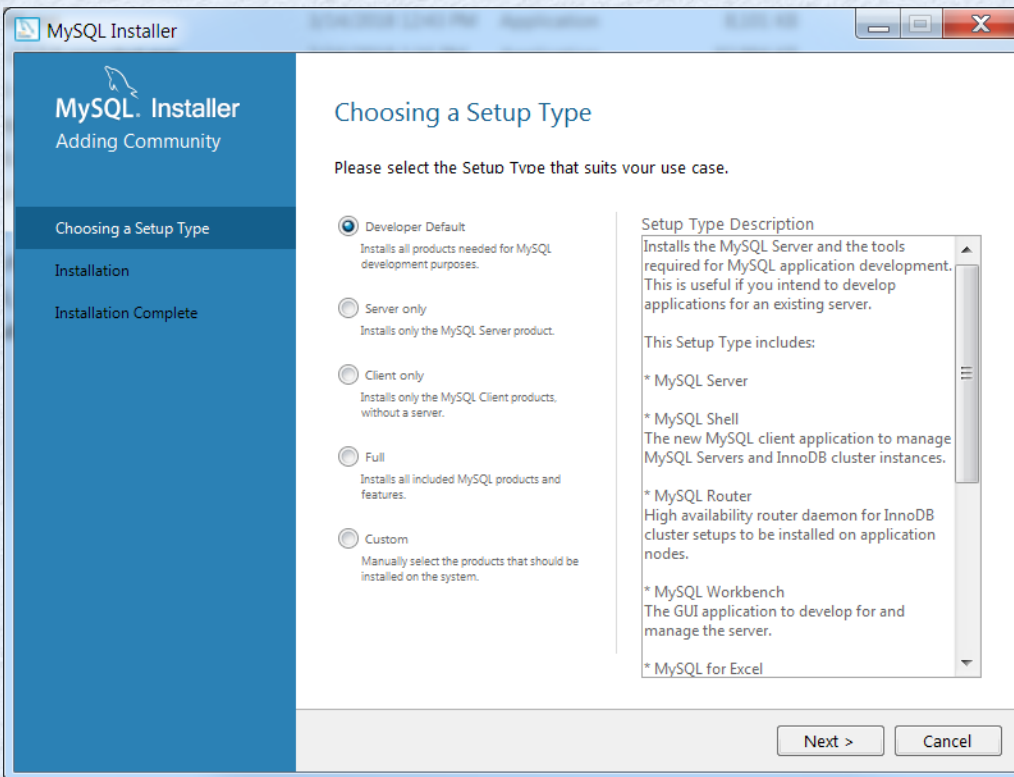
Skip this if you already have MySQL installed and know the password for the MySQL root account.

- Browse <https://dev.mysql.com/downloads>
- Click "MySQL on Windows"
- Click "MySQL Installer"
- Click "Download" button near bottom of page
 - will want you to create an "Oracle Web" account, but can click "No thanks, just start my download"
- Double-click downloaded installer
- Accept all defaults except for noted exceptions on next two slides

... MySQL Windows Install ...

Keep default setting
of "Developer Default"

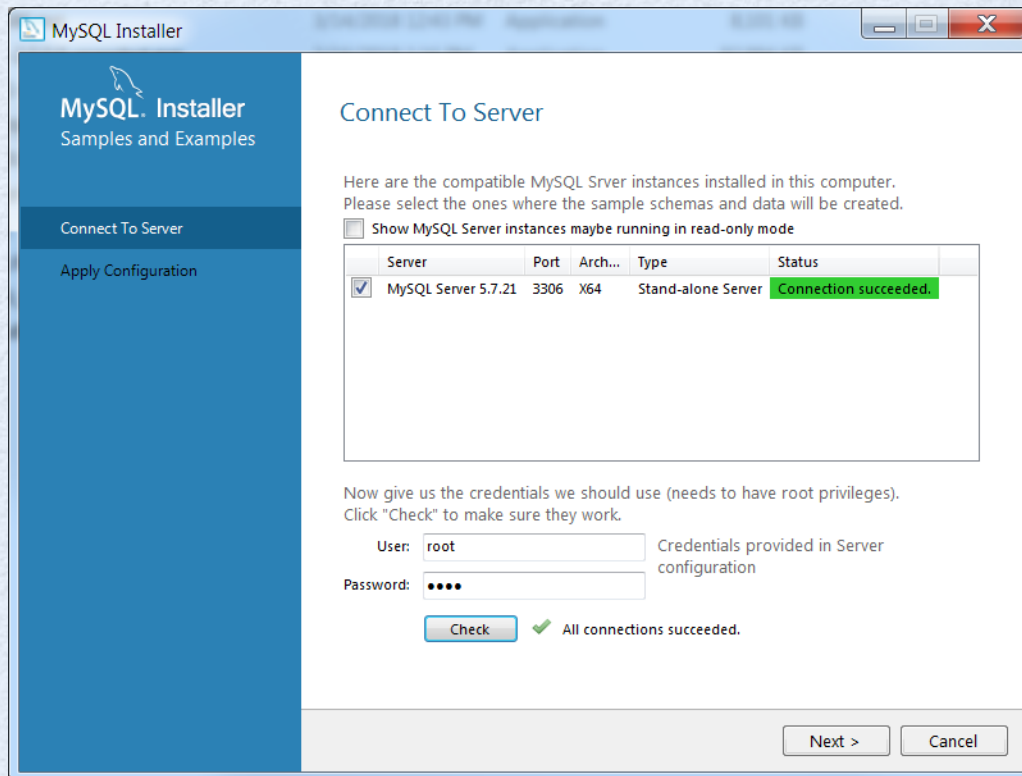
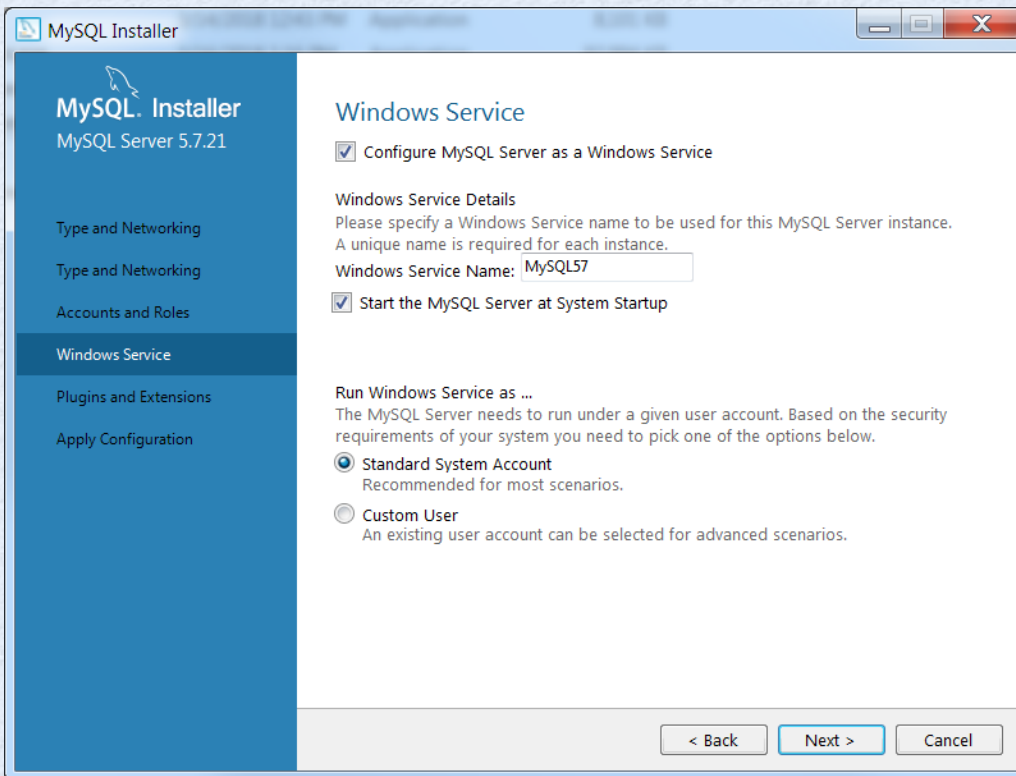
Enter "root" for
MySQL Root Password
and Repeat Password



... MySQL Windows Install ...

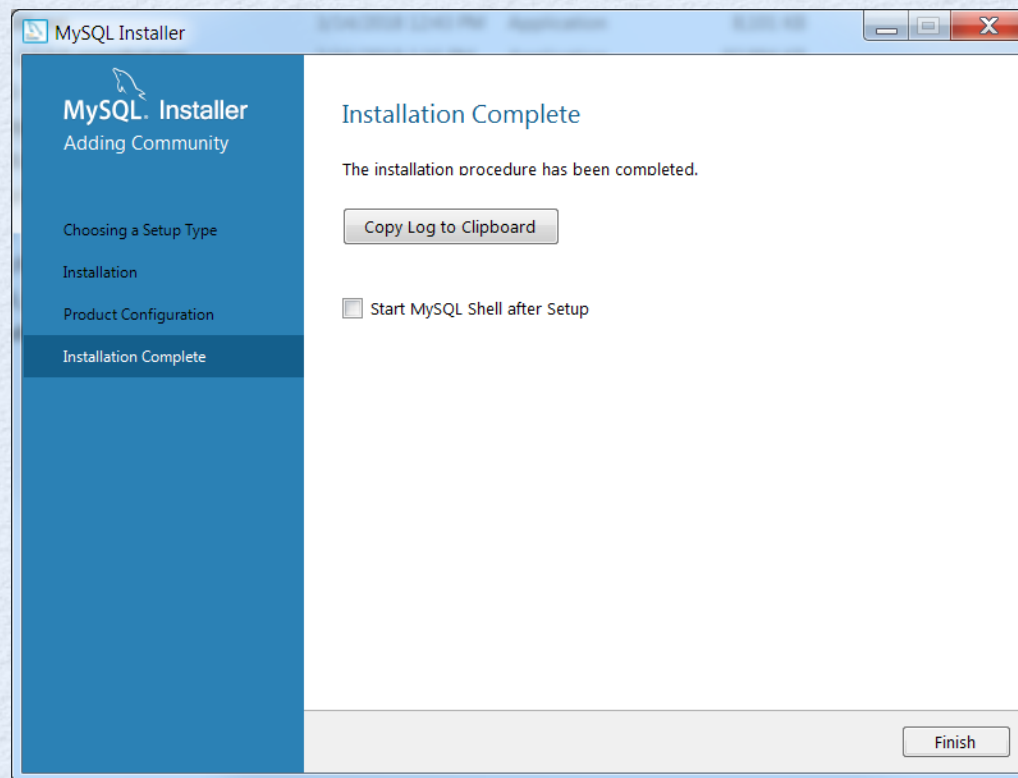
Accept defaults on this page
so the MySQL Server
runs as a Windows service

Enter "root" for Password
and click "Check" button



... MySQL Windows Install ...

Click "Finish" button to complete installation



... MySQL Windows Install

- Set **PATH** environment variable
 - can use System Control Panel
 - add following to end of existing value (assuming version 5.7)
`;C:\Program Files\MySQL\MySQL Server 5.7\bin`
 - note semicolon at beginning

Postman

<https://www.getpostman.com/>

- Application for testing REST APIs
- Free for basic use cases
- Browse <https://getpostman.com>
- Click “Download the App” button
- Unzip and double-click downloaded installer



Git

<https://git-scm.com/>

- Distributed version control system
- To install
 - browse <https://git-scm.com>
 - click "Download" button
 - double-click downloaded installer



Demo App

- To download
 - open a terminal window (or Command Prompt in Windows)
 - cd to directory where you want to install the demo
 - enter `git clone https://github.com/mvolkmann/react-tour-of-heroes.git`
- To run
 - see instructions at <https://github.com/mvolkmann/react-tour-of-heroes>

