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Software Solutions Center

Starter Kit: Relational Databases Preparation

Wrocław

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Lat update: 2021-02-13

Before we begin

1. Download installer for MySQL Server & MySQL Workbench
   a) Smaller file is online installer – it will download data from the internet
   b) Bigger file is offline installer – it should have all necessary things

   If You are facing any issue – please follow instruction on MySQL WWW page
2. Follow instructions on the next slide (screenshots comes from version 8.0.13 and 8.0.17)
3. Profit

There are of course differences between version, so please make sure that You agreed with the lecturer versions, which You will be work with during this course.

2021-02-13: current version: 8.0.23

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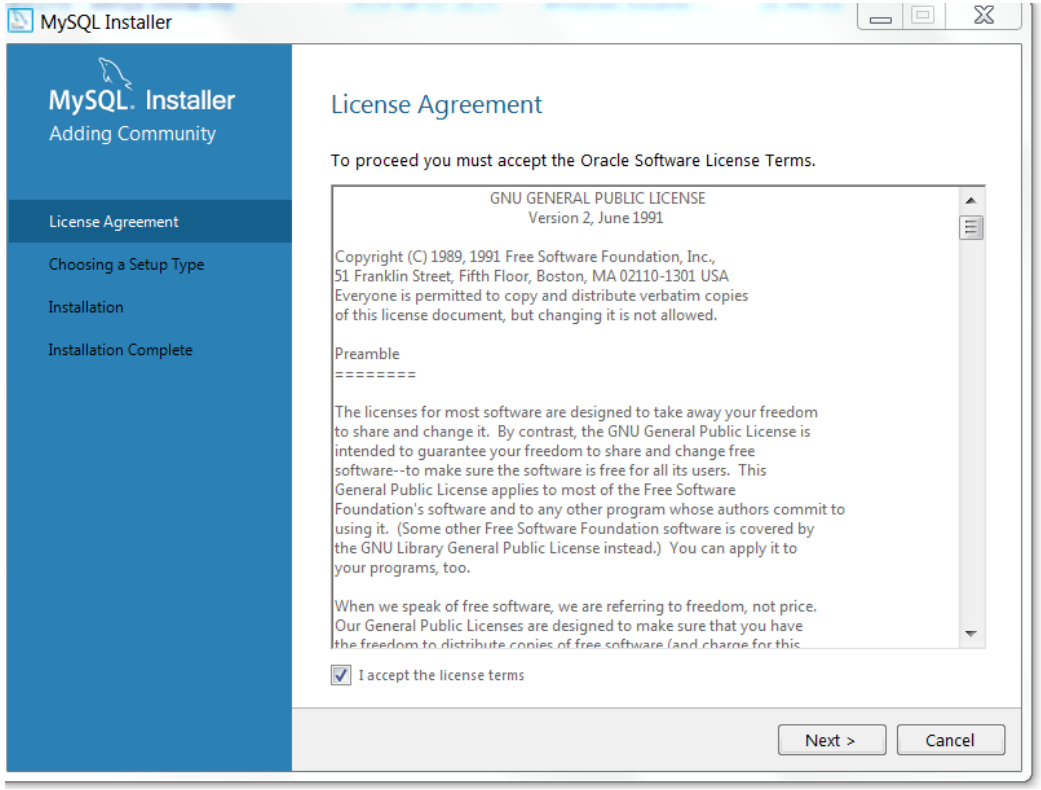
Installing MySQL DB & Workbench



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Click „Next”

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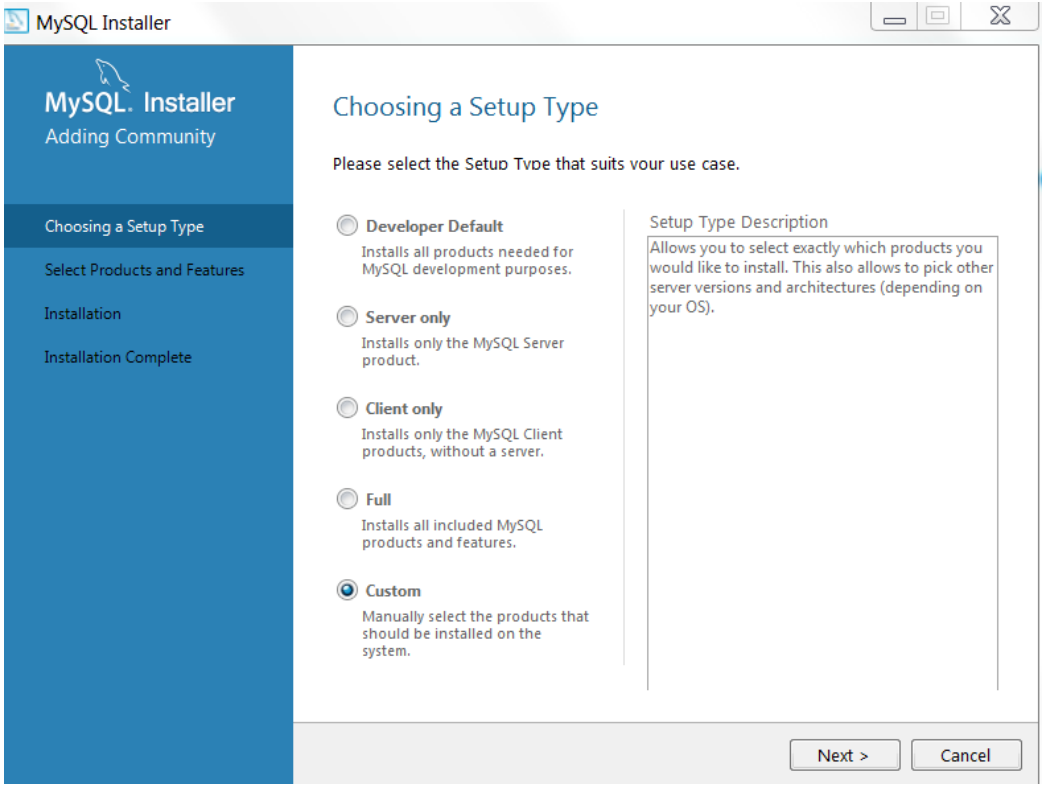
Installing MySQL DB & Workbench



Select „Custom” and click „Next”

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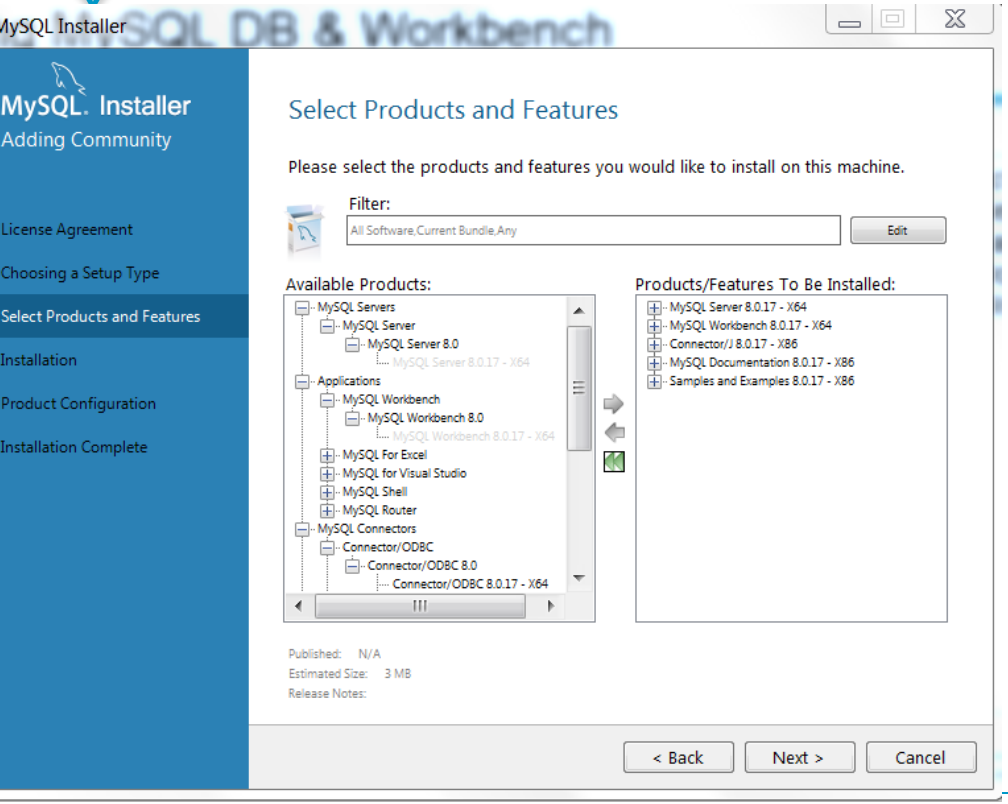
Installing MySQL DB & Workbench



Include products from Screenshot:

Mandatory:

1. MySQL Server
2. Applications
    1. MySQL Workbench

Others:

1. MySQL Connectors
    1. Connector/J
2. Documentation
    1. MySQL Documentation
    2. Samples and Examples

Hint: You have to click the most bottom node on the list to enable ‚right arrow' (Products/Features To Be Installed)

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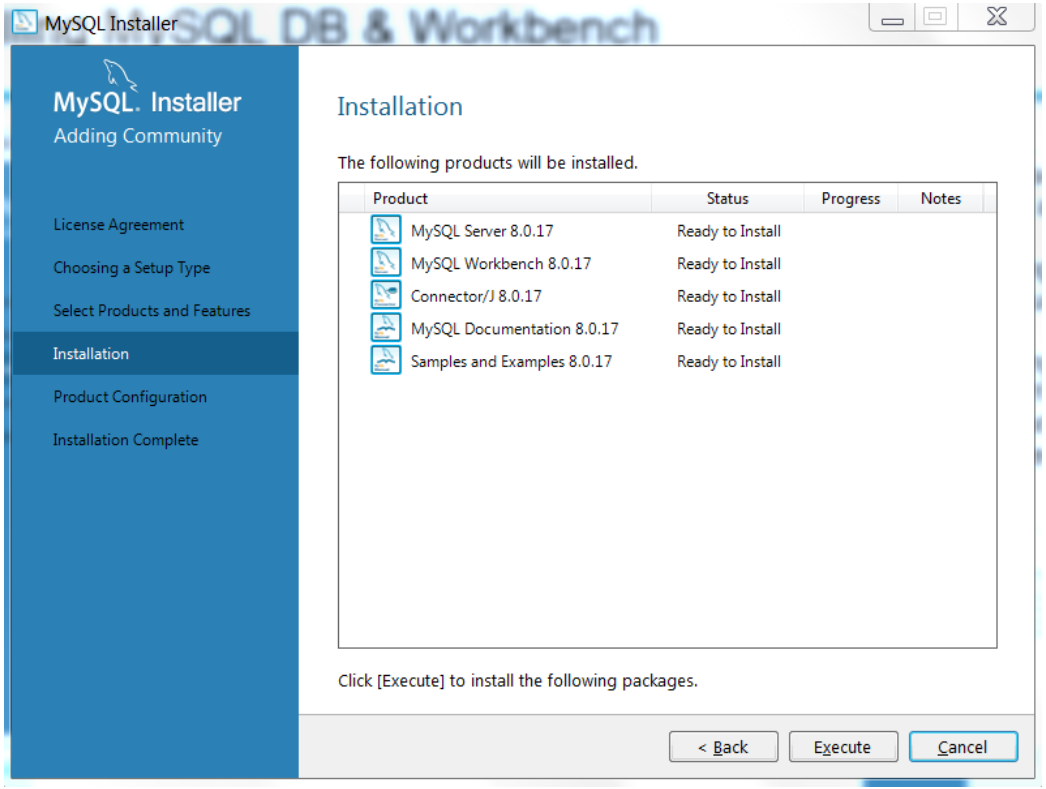
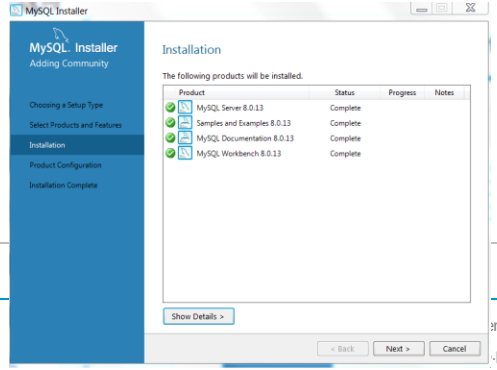
Installing MySQL DB & Workbench

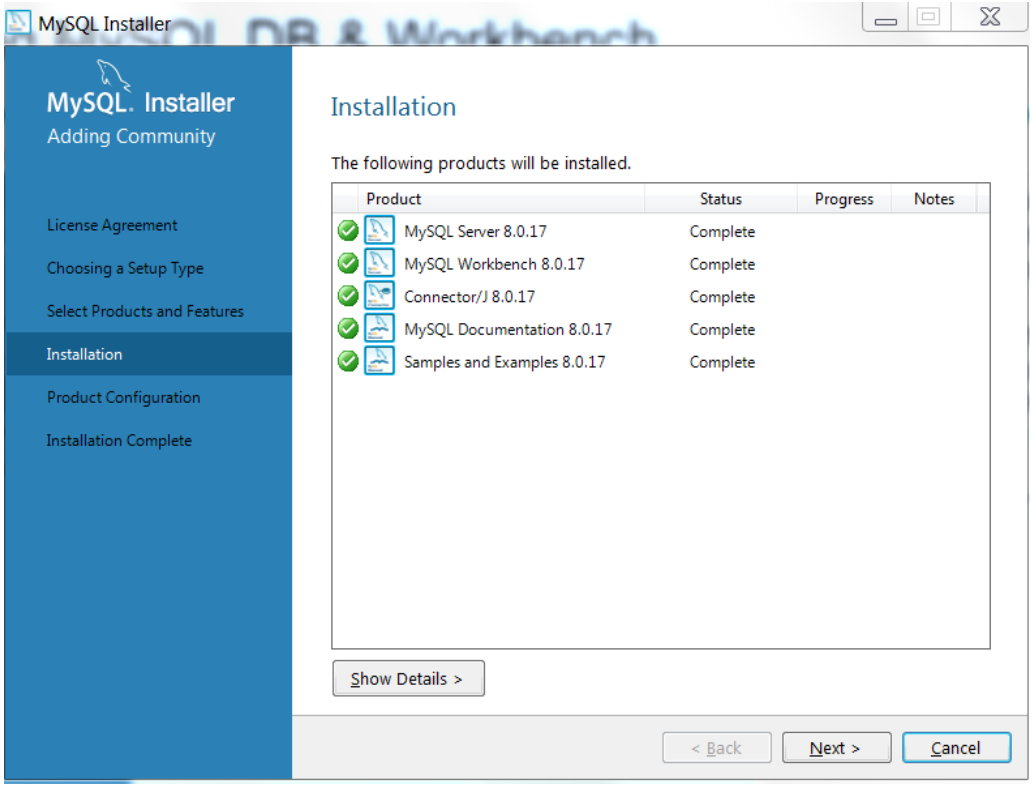


Be sure, that selected products are on the list and click „Execute”.

If You are using „web installer”, selected products will be downloaded.
After everything will be downloaded, You will notice that there is a „Next” button available (previously there was „Execute”)



Installing MySQL DB & Workbench



If You are using „web installer”, selected products will be downloaded.

After everything will be downloaded, You will notice that there is a „Next” button available (previously there was „Execute”).

Click „Next”

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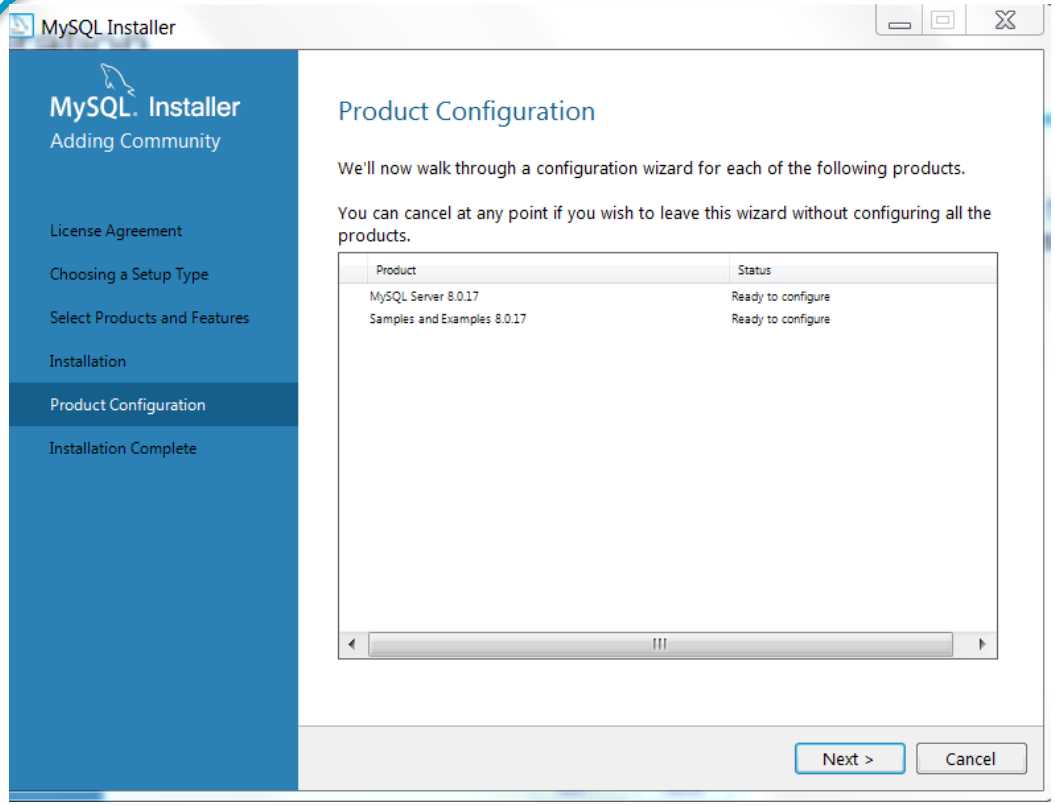
Configuration



You will be notify, that there are some things, which should be configured.

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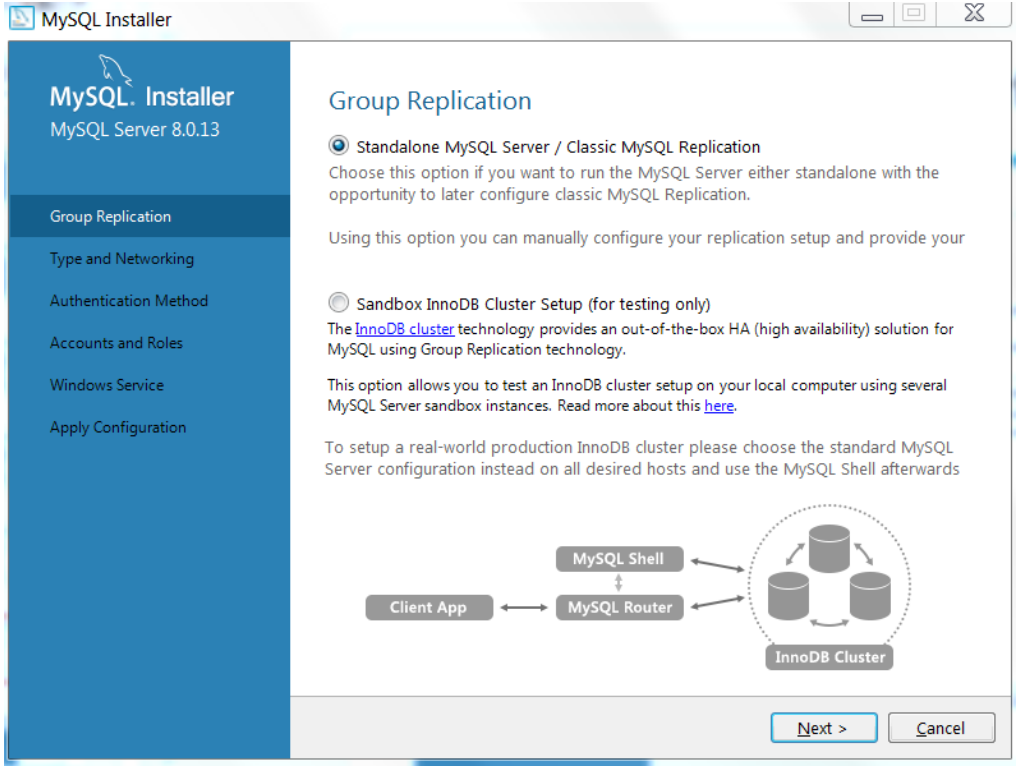
Configuration of MySQL Server



Choose „Standalone MySQL Server / Classic MySQL Replication" and click „Next"

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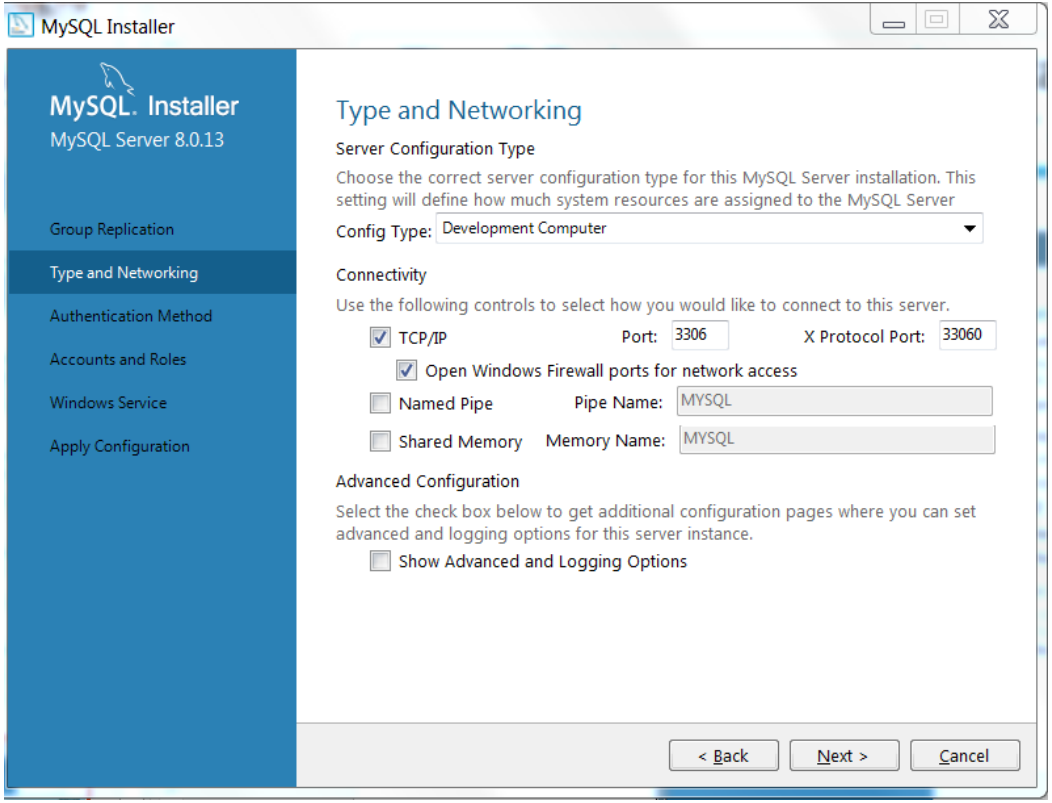
Configuration of MySQL Server



Default port is set to 3306.

Use default settings and click „Next”

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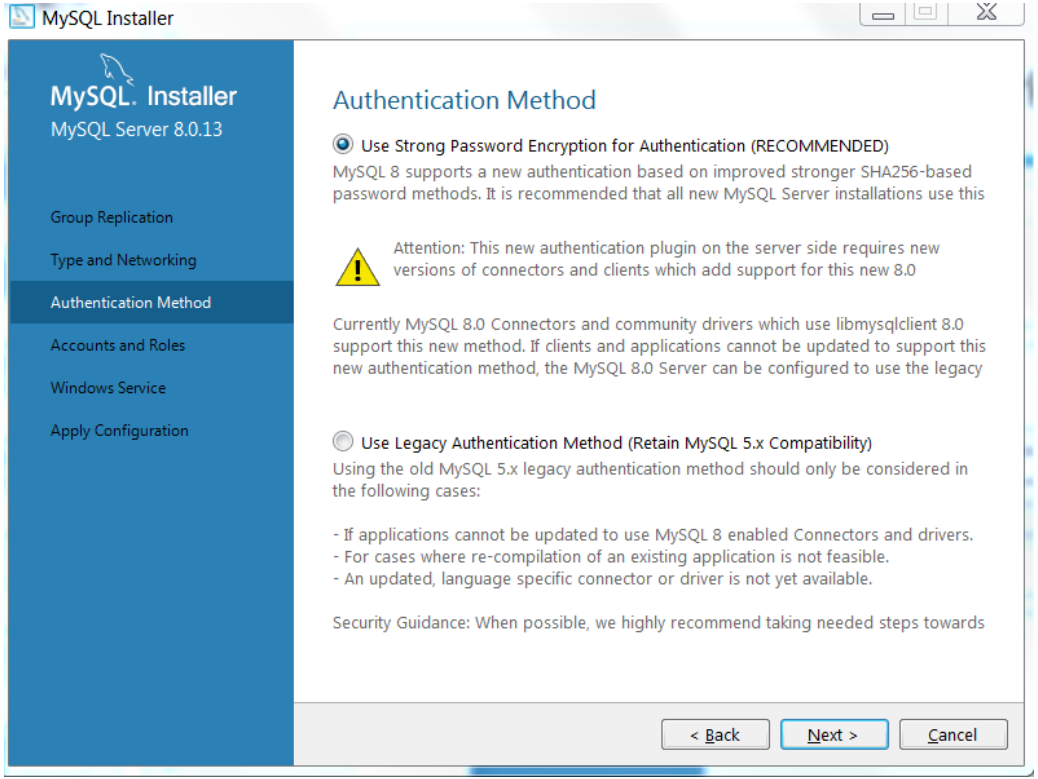
Configuration of MySQL Server



Select default option „Use Strong Password Encryption for Authentication" and click „Next"

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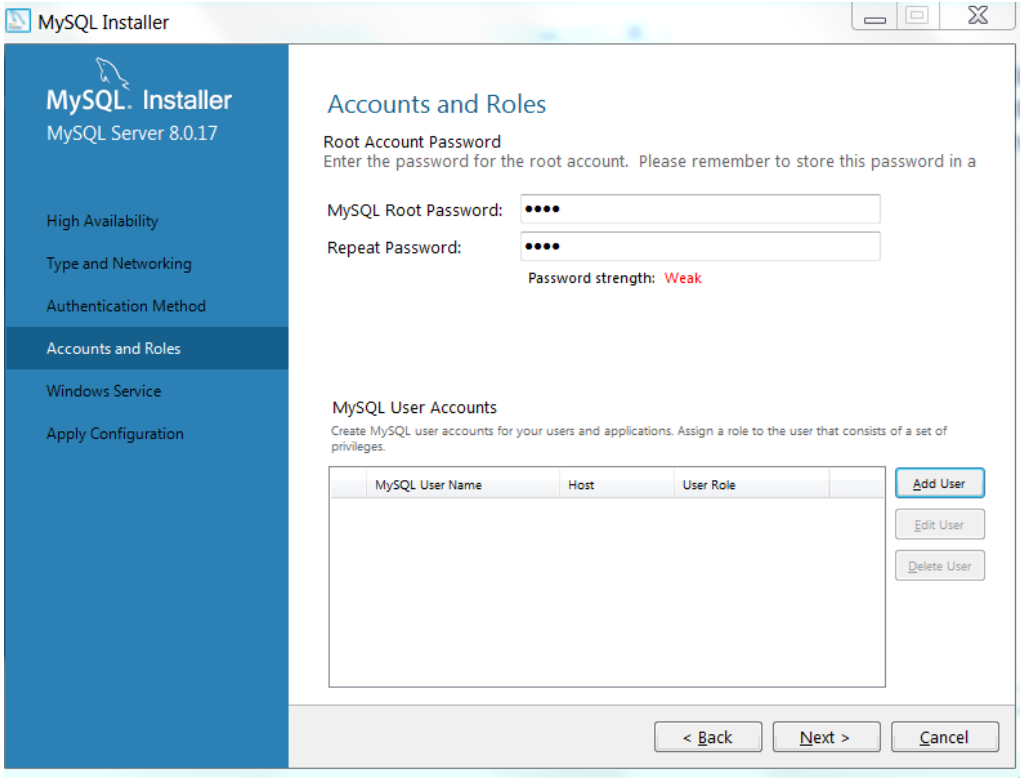
Configuration of MySQL Server



Choose a password for root account.

Important: remember the password!
Hint: Because it's a dev environment, You can pick some easy password like ‚root' for user ‚root' or use some Password Managers like KeePass to store Your password.

Click „Next"

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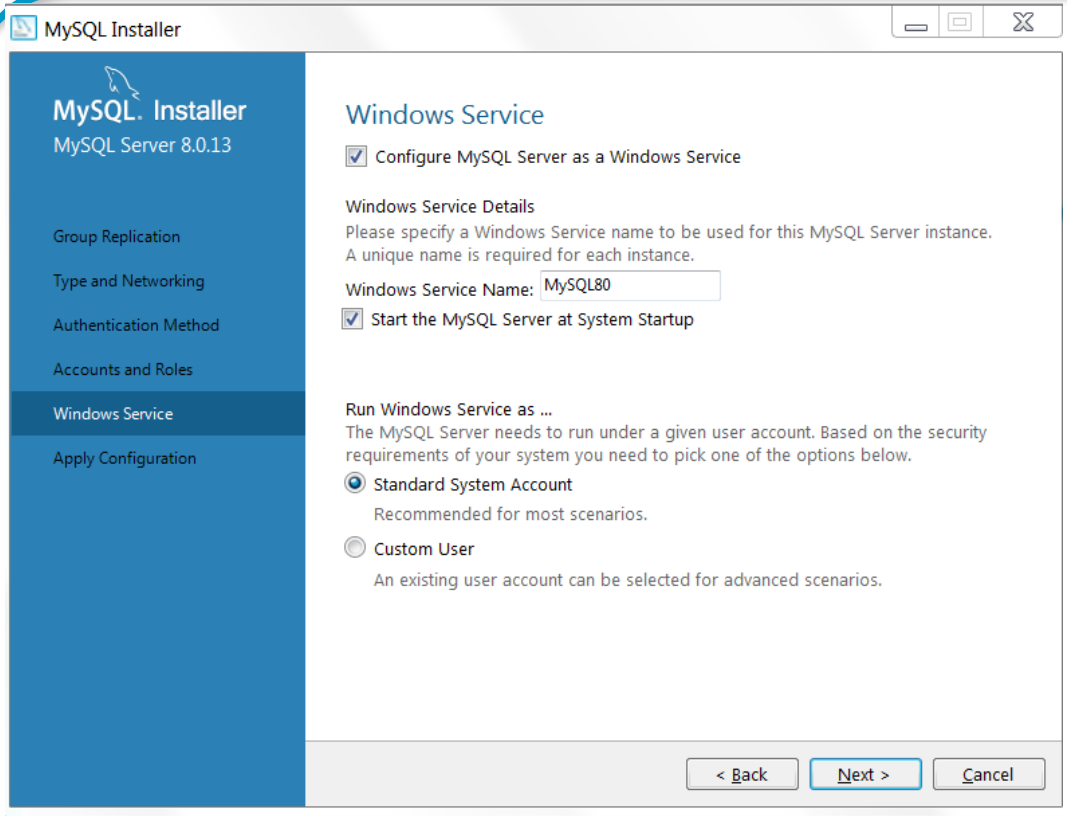
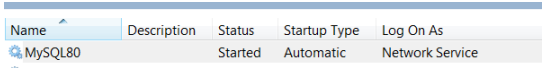
Configuration of MySQL Server



Use default settings.

This means, that MySQL Server will start work after You will start Your computer.
It will be installed as a service with name „MySQL80”.

You will be able to change those settings later: Win+R => services.msc => find „MySQL80” and edit.



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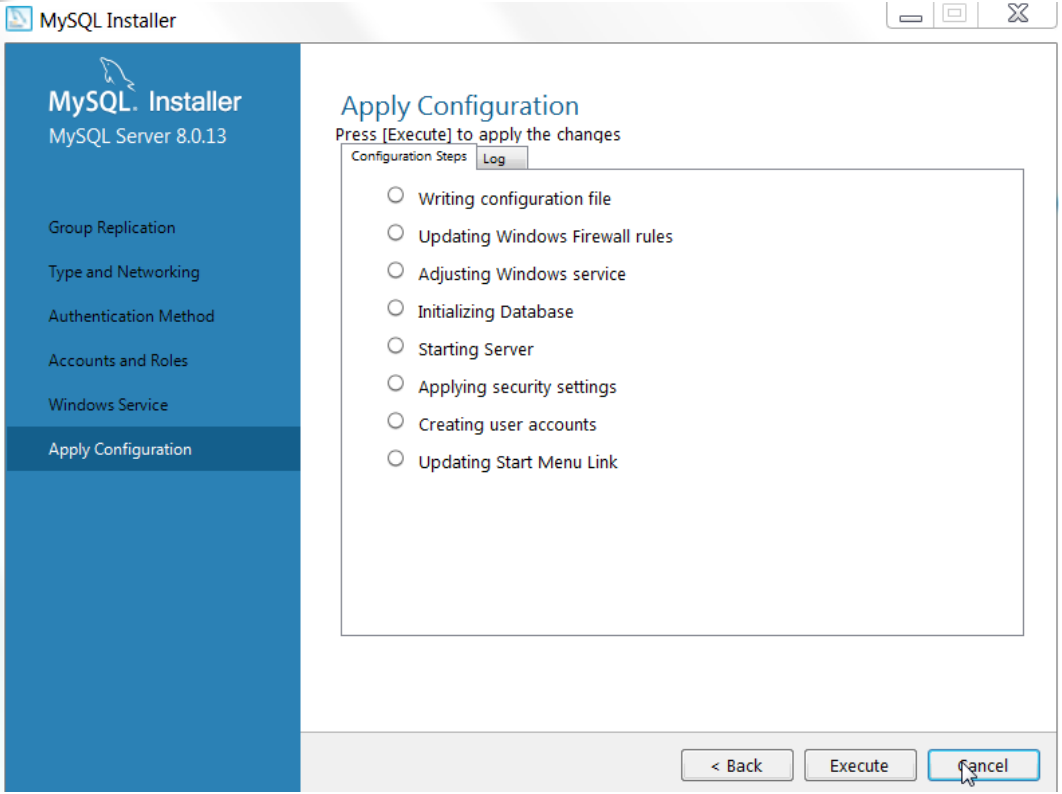
Configuration of MySQL Server



Apply configuration by clicking „Execute”

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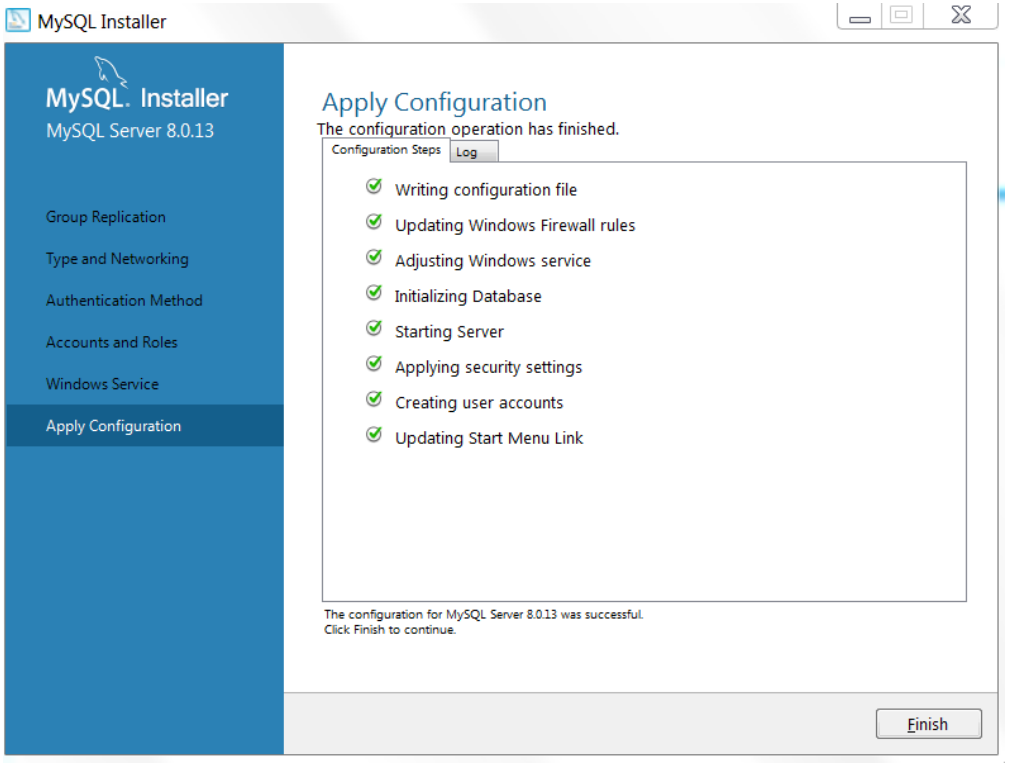
Configuration of MySQL Server



After success click „Finish”

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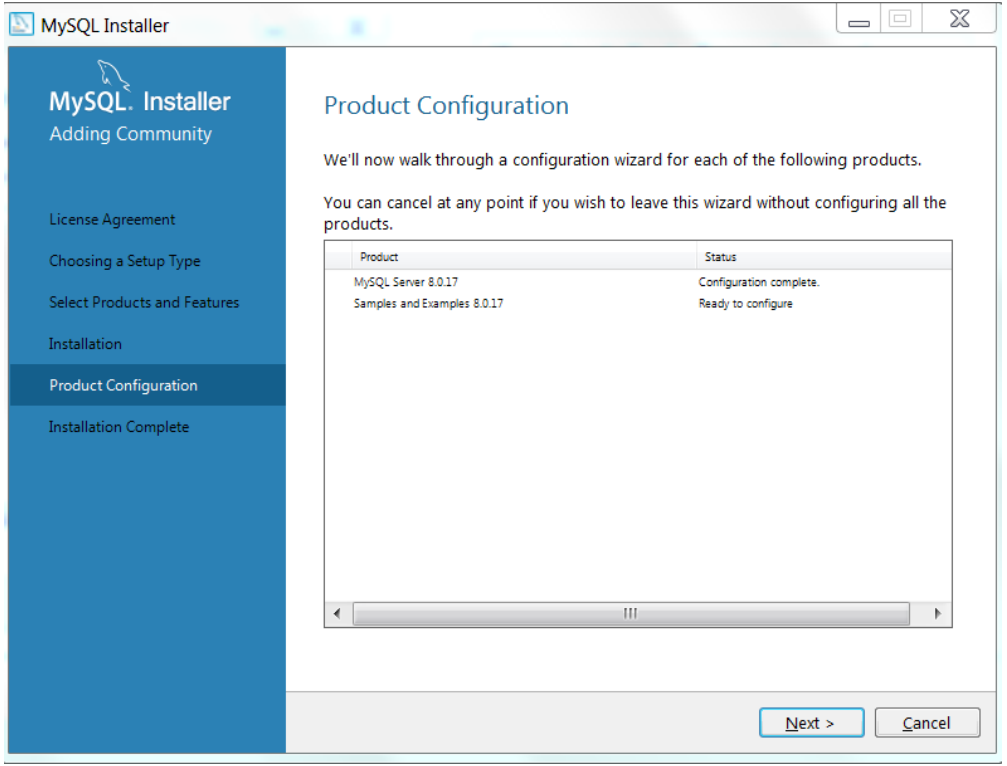
Configuration



If we installed „Samples and Examples" – we will be able to configure them as well.

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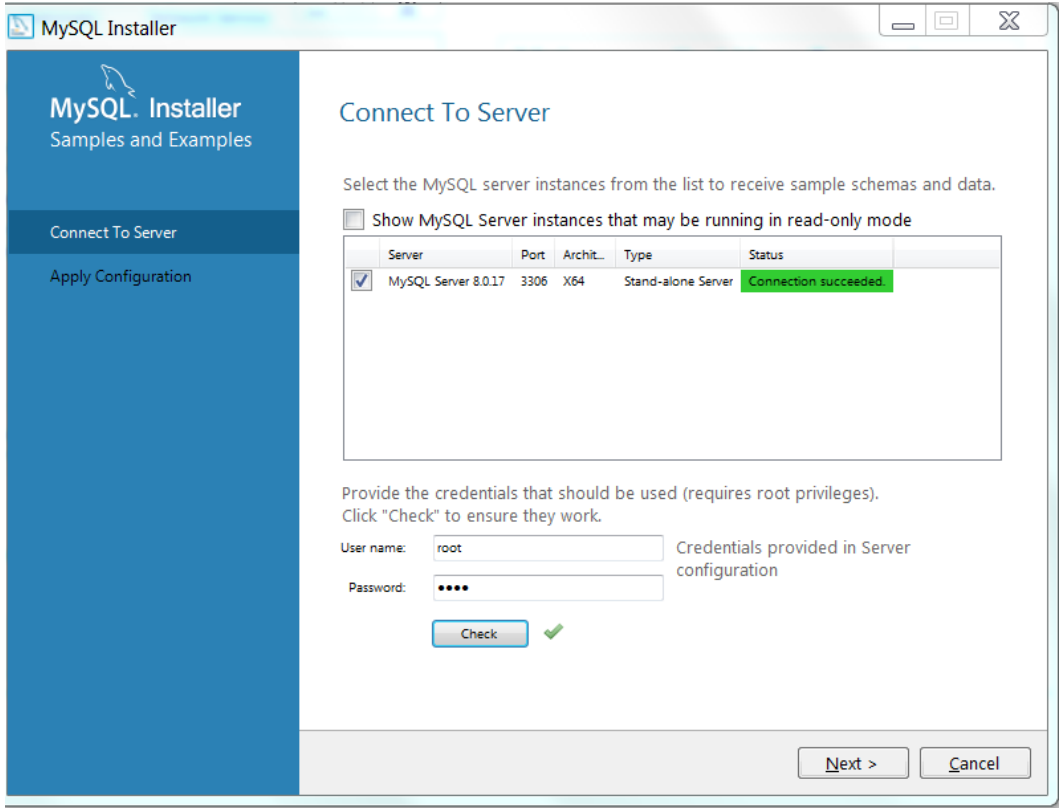
Configuration of Samples



Make sure that Your Server is listed on the list.
In the field „Password" provide password, which was chosen for root and click „Check".
The green status „Connection succeeded" should appears next to listed MySQL Server.

Click „Next"

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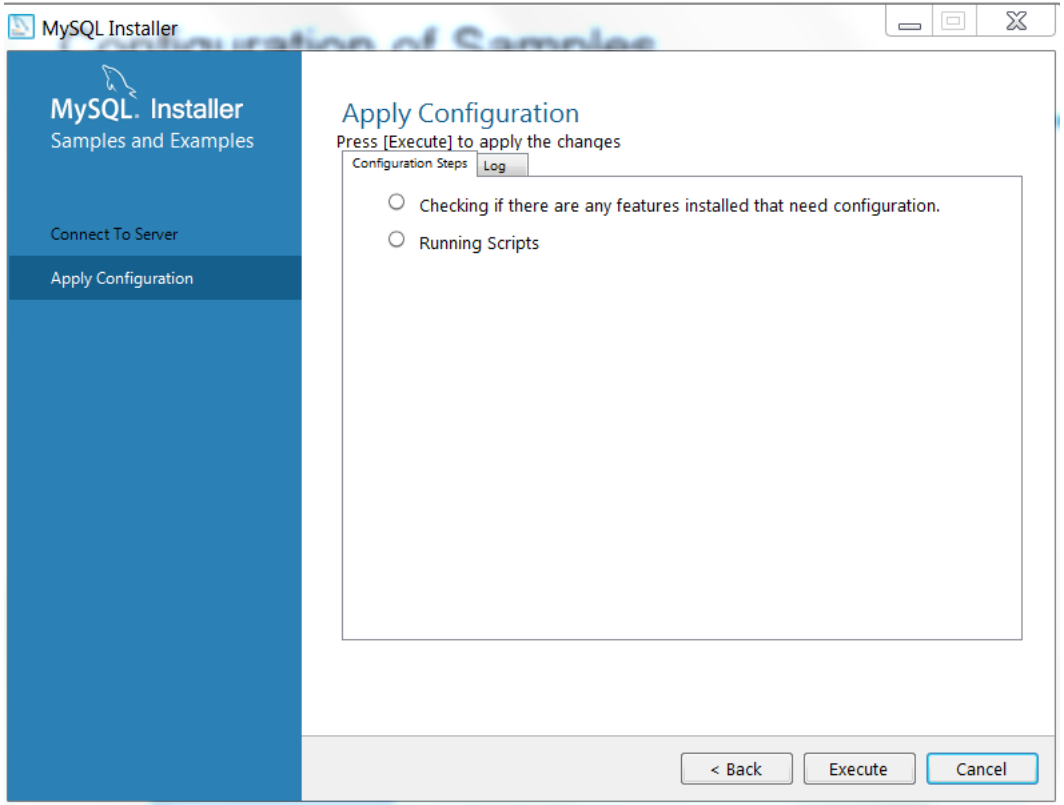
Configuration of Samples



Click „Execute”.
Wait for installation and click „Finish”.

Next window will show, that all things were configured. Click „Next” to proceed.

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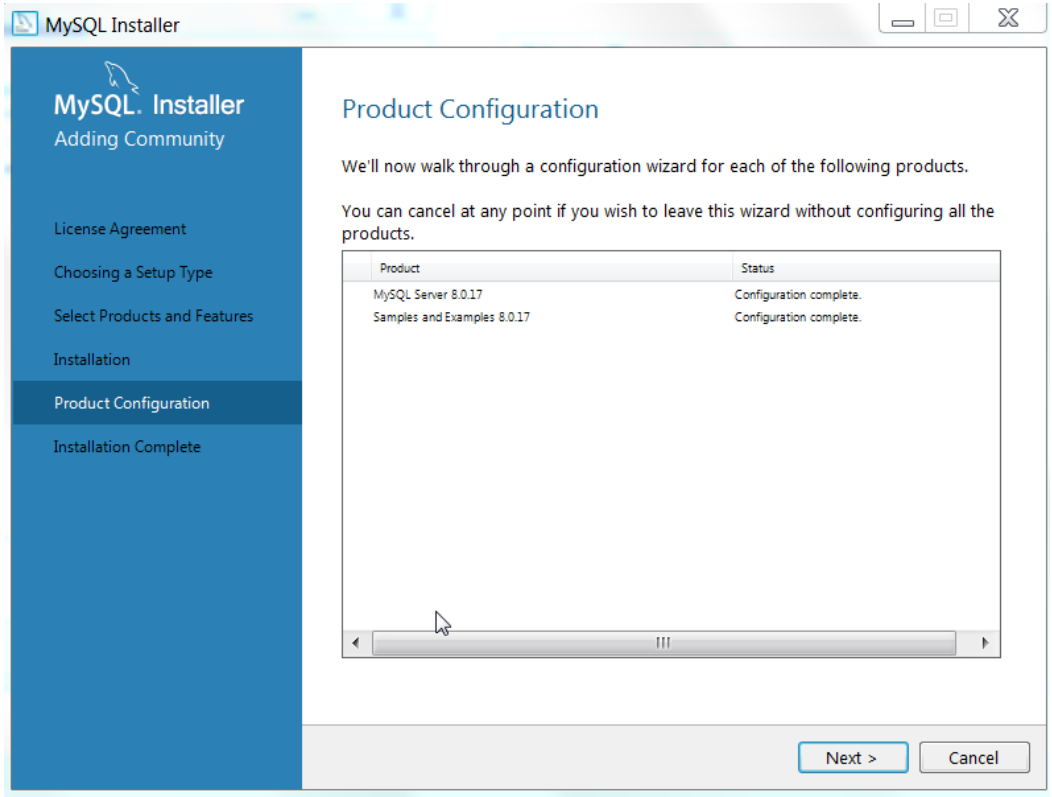
Configuration of Samples



Click „Next”

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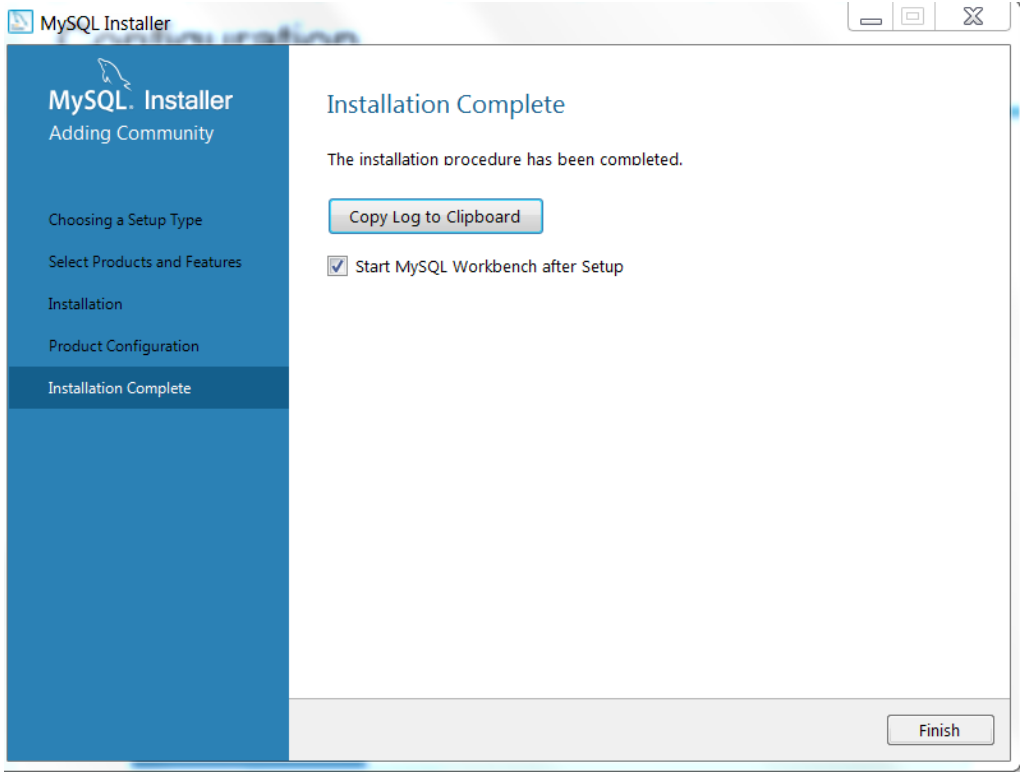
Configuration



Done.
You should be able to work.
Click „Finish” to close the window.

If You have chosen „Start MySQL Workbench after Setup”, MySQL Workbench application will be opened.

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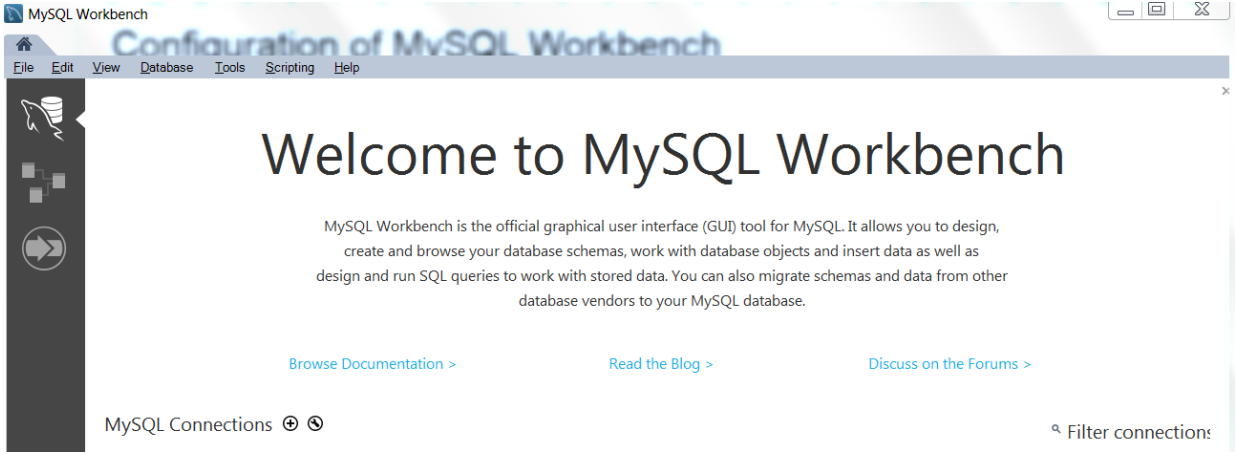
Configuration of MySQL Workbench



Open MySQL Workbench application.

Click icon „+” next to text „MySQL Connection” and go to the next slide.

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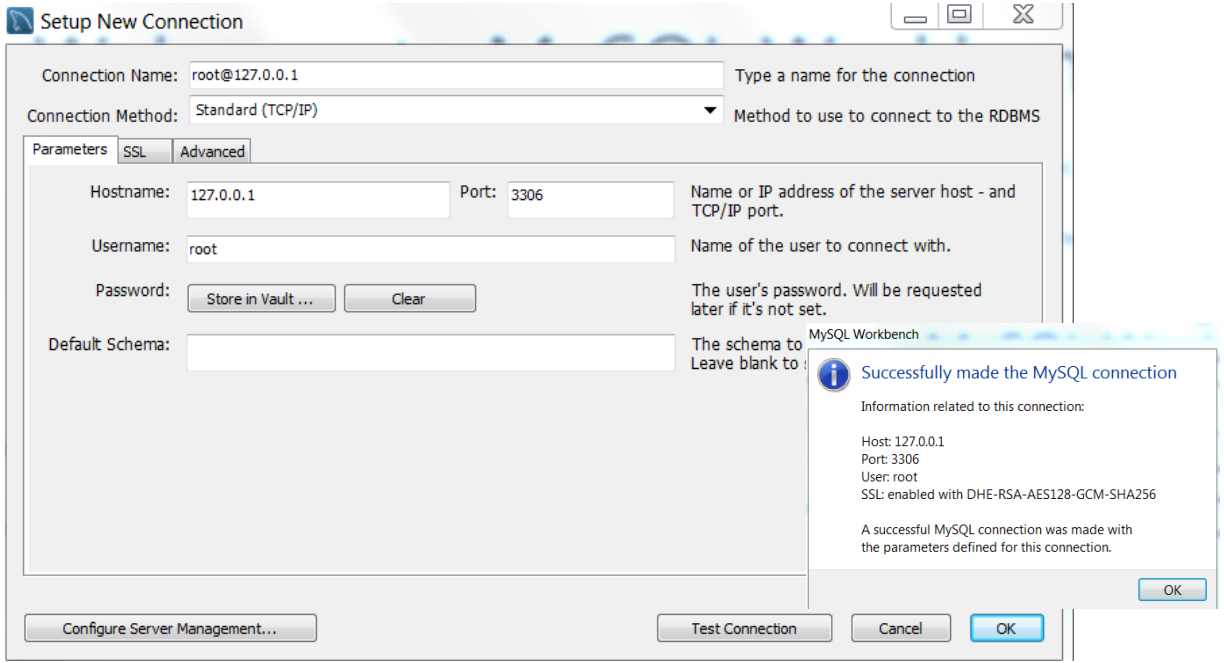
Configuration of MySQL Workbench



Default settings should be enough to configure.
If not:

1) make sure that hostname points to Your server (localhost = 127.0.0.1)
2) Port is the same, which You have chosen during Configuring MySQL Server (default: 3306)
3) For purpose of this Workshop, You can „Store in Vault" password for Your accont

Check connection with „Test Connection" and verify, that it works

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Configuration of MySQL Workbench

Your connection should be visible in the list of available connections.

You can double click on it to connect to database.

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