

# Install MySQL on Windows

MC LI

# Welcome



The MySQL Installer guides you through the installation and configuration of your MySQL products. Run it from the Start Menu to perform maintenance tasks later.

Select one of the actions below:



### Install MySQL Products

Guide you through the installation and configuration of your MySQL products.



### About MySQL

Learn more about MySQL products and better understand how you can benefit the most.



### Resources

Get more information on how to install MySQL and configure it to run efficiently on your machine.

  
MySQL Installer

License Information

Find latest products

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## License Agreement

**To install MySQL, you must accept the Oracle Software License Terms.**GNU GENERAL PUBLIC LICENSE  
Version 2, June 1991

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Preamble

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 I accept the license terms

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## Find latest products

**Before the installation is performed, the Installer will check if there are newer versions of the products you are about to install / already installed are available.**

- Connect to the Internet
- Fetch product update information

Skip the check for updates (not recommended)

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## Find latest products

**Before the installation is performed, the Installer will check if there are newer versions of the products you are about to install / already installed are available.**

- Connect to the Internet
- Fetch product update information

The operation is complete. Please click 'Next >' to continue.

Skip the check for updates (not recommended)

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## Choosing a Setup Type

Please select the Setup Type that suits your use case.

- Developer Default**  
Installs all products needed for MySQL development purposes.
- Server only**  
Installs only the MySQL Server product.
- Client only**  
Installs only the MySQL Client products, without a server.
- Full**  
Installs all included MySQL products and features.
- Custom**  
Manually select the products that should be installed on the system.

### Setup Type Description

Installs the MySQL Server and the tools required for MySQL application development. This is useful if you intend to develop applications for an existing server.

This Setup Type includes:

- \* MySQL Server
- \* MySQL Workbench  
The GUI application to develop for and manage the server.

Installation Path:

C:\Program Files\MySQL\

Data Path:

C:\ProgramData\MySQL\MySQL Server 5.5\

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## Check Requirements

The following requirements must be installed before the selected products can be installed. If you don't want a particular requirement then go back and deselect the product that requires it.

Requirement	For Product	Status
<input checked="" type="checkbox"/> Visual Studio Tools for Office 2010 Runt...	MySQL For Excel 1.1.0	
<input checked="" type="checkbox"/> Microsoft .NET Framework 4 Client Profile	MySQL For Excel 1.1.0	
<input checked="" type="checkbox"/> Microsoft Excel 2007 or greater	MySQL For Excel 1.1.0	
<input checked="" type="checkbox"/> Microsoft .NET Framework 4 Client Profile	MySQL Notifier 1.0.3	
<input checked="" type="checkbox"/> Microsoft Visual C++ 2010 32-bit runtime	MySQL Workbench CE 5.2.44	
<input checked="" type="checkbox"/> Microsoft .NET Framework 4 Client Profile	MySQL Workbench CE 5.2.44	

## Current Task

All required prerequisites are met. Continue by clicking on the Next button.

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## Installation Progress

**The following products will be installed or updated.**

Product	Status	Progress	Notes
 MySQL Server 5.5.28	To be installed		
 MySQL Workbench CE 5.2.44	To be installed		
 MySQL Notifier 1.0.3	To be installed		
 MySQL For Excel 1.1.0	To be installed		
 Connector/ODBC 5.1.11	To be installed		
 Connector/C++ 1.1.0	To be installed		
 Connector/C 6.0.2	To be installed		
 Connector/J 5.1.20.0	To be installed		
 Connector/NET 6.5.4	To be installed		
 MySQL Documentation 5.5.28	To be installed		
 Samples and Examples 5.5.28	To be installed		

Click [Execute] to install or update the following packages

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## Configuration Overview

The following products will now be configured.

Product	Action to be performed	Progress
 MySQL Server 5.5.28	Initial Configuration.	
 Samples and Examples 5.5.28	Initial Configuration.	

Show Details >

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Cancel

  
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## MySQL Server Configuration

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**Server Configuration Type**

Choose the correct server configuration type for this MySQL Server installation. This setting will define how much system resources are assigned to the MySQL Server instance.

**Config Type:**

Development Machine

 **Enable TCP/IP Networking**

Enable this to allow TCP/IP networking. Only localhost connections through named pipes are allowed when this option is skipped.

**Port Number:**

3306

 **Open Firewall port for network access****Advanced Configuration**

Select the checkbox below to get additional configuration page where you can set advanced options for this server instance.

 **Show Advanced Options**

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Cancel

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## MySQL Server Configuration

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## Server Configuration Type



Choose the correct server configuration type for this MySQL Server installation. This setting will define how much system resources are assigned to the MySQL Server instance.

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Development Machine

 Enable TCP/IP Networking

Enable this to allow TCP/IP networking. Only localhost connections through named pipes are allowed when this option is skipped.

Port Number:

3306

 Open Firewall port for network access

## Advanced Configuration



Select the checkbox below to get additional configuration page where you can set advanced options for this server instance.

 Show Advanced Options

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Cancel

  
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## MySQL Server Configuration

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## Root Account Password



Enter the password for the root account. Please remember to store this password in a secure place.

MySQL Root Password:

●●●●●●

Repeat Password:

●●●●●●

Password Strength: **Weak**

## MySQL User Accounts



Create MySQL user accounts for your users and applications. Assign a role to the user that consists of a set of privileges.

MySQL Username	Host	User Role

[Add User](#)[Edit User](#)[Delete User](#)


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Next &gt;

Cancel

MySQL User Details

Please specify the username, password, and database role.

 **Username**

**Host**

**Role**

**Authentication**  MySQL

**Password**

**Confirm Password**

Password Strength: *Weak*

## MySQL Installer

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## MySQL Server Configuration

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## Root Account Password



Enter the password for the root account. Please remember to store this password in a secure place.

MySQL Root Password:

●●●●●●

Repeat Password:


●●●●●●

Password Strength: **Weak**

## MySQL User Accounts



Create MySQL user accounts for your users and applications. Assign a role to the user that consists of a set of privileges.

MySQL Username	Host	User Role
 brb	%	DB Admin

Add User

Edit User

Delete User

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Cancel

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## MySQL Server Configuration

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## Windows Service Details



Please specify a Windows Service name to be used for this MySQL Server instance. A unique name is required for each instance.

Windows Service Name:

 **Start the MySQL Server at System Startup**

## Run Windows Service as ...

The MySQL Server needs to run under a given user account. Based on the security requirements of your system you need to pick one of the options below.

 **Standard System Account**

Recommended for most scenarios.

 **Custom User**

An existing user account can be selected for advanced scenarios.

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## Logging Options



Please select the logs you want to activate for this server in addition to the Error Log. On production machines it can be beneficial to separate the log files from the data.

**Error Log:**  ... **General Log**

The general query log is a general record of what the MySQL Server is doing. It should only be used to track down issues.

File Path:  ... **Slow Query Log**

The slow query log consists of SQL statements that took more than the given value of seconds to execute. It is recommended to turn this log on.

File Path:  ...      Seconds:  **Bin Log**

The binary log contains all database events and is used for replication and data recovery operations. It has a performance impact on the server. Only a filename base should be given as the server will append an appropriate extension

File Path:  ...

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## Configuration Overview

The following products will now be configured.

Product	Action to be performed	Progress
  MySQL Server 5.5.28	Configuration Complete.	Please check...
  Samples and Examples 5.5.28	Initial Configuration.	

Show Details >

Last Warning: Adding firewall rule failed.

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## Installation Complete

**The installation procedure has been completed.**

Copy Log to Clipboard

Start MySQL Workbench after Setup

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Finish

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### Workbench Central



## Welcome to MySQL Workbench

➔ **What's New in This Release?**  
Read about all changes in this MySQL Workbench release.



MySQL Doc Library



MySQL Utilities



Database Migration



MySQL Bug Reporter



Workbench Blogs

### Workspace



## SQL Development

Connect to existing databases and run SQL Queries, SQL scripts, edit data and manage database objects.



### Open Connection to Start Querying

Or click a DB connection to open the SQL Editor.



**Local instance MySQL55**  
User: root Host: localhost:3306



### New Connection

Add a new database connection for querying.



### Edit Table Data

Select a connection and schema table to edit.



### Edit SQL Script

Open an existing SQL Script file for editing.



### Manage Connections

Modify connection settings or add connections.



## Data Modeling

Create and manage models, forward & reverse engineer, compare and synchronize schemas, report.



### Open Existing EER Model

Or select a model to open or click here to browse.



### Create New EER Model

Create a new EER Model from scratch.



### Create EER Model From Existing Database

Create by connecting and reverse engineering.



### Create EER Model From SQL Script

Import an existing SQL file.



## Server Administration

Configure your user accounts, backup and server logs.



### Server Administration

Or click to manage a database instance.



**Local MySQL**  
Local Type: Workbench



### New Server Instance

Register a new server instance.



### Manage Import / Export

Create a dump file or restore.



### Manage Security

Manage user accounts and permissions.



### Manage Server Instance

Add, delete and update server instances.

The image shows a Windows 7 Start menu search interface. The search term is "MySQL". The results are displayed in a list on the left, and a navigation pane is on the right. The user's profile picture is visible at the top right of the search window.

**Search Results:**

- Microsoft Sync Framework
- Microsoft Visual Studio 2008
- Microsoft Windows Performance Toolk
- Microsoft Windows SDK v7.1
- MTPuTTY
- MySQL**
- MySQL Workbench 5.2 CE
- MySQL Connector C 6.0.2
- MySQL Connector Net 6.5.4
- MySQL Installer
- MySQL Notifier 1.0.3
- MySQL Server 5.5
- Notepad++
- NppToR
- Oracle VM VirtualBox
- OverDrive Media Console
- Paglo
- PhotoCap5
- PicPick
- PuTTY Connection Manager
- Python 2.7
- QuickTime
- R
- r2 Studios

**Navigation Pane:**

- mli
- Documents
- Pictures
- Music
- Games
- Recent Items
- Computer
- Network
- Connect To
- Control Panel
- Default Programs
- Help and Support

**Search Bar:** Start Search

**Buttons:** Stop, Lock, Play

# Set up

- Create a file Renviron.site

MYSQL\_HOME="C:/Program Files/MySQL/MySQL Server 5.5"  
under R-2.xx.x/etc folder.

- OPT: Create a folder OPT under C:\Program Files\MySQL\MySQL Server 5.5\lib and copy libmysql.lib to the above path. Also copy libmysql.dll to *<drive>\<path>\R\R-2.15.2\bin\* (64 bit) Or *<Drive>\<path>\R\R-2.15.2\bin\i386\* (32 bit) and to *C:\Windows\System32*.
- Run **install.packages('RMySQL',type='source')** at R the command prompt

# Test

- `library(MySQL)`
- `con =  
dbConnect(drv,host="localhost",dbname="test",user="root",p  
ass="PASSWORD")`
- `drv <- dbDriver("MySQL")`
- `for(con in dbListConnections(drv)){  
dbGetStatement(dbListResults(con)) }`



# Resource

- <http://www.r-bloggers.com/installing-the-rmysql-package-on-windows-7/>
- <http://passionfordata.blogspot.com/2012/04/how-to-install-r-and-rmysql-package.html#!/2012/04/how-to-install-r-and-rmysql-package.html>
- <http://taichi.selfip.net:81/mediawiki/index.php/MySQL>