Wireless Networks Lab. Inje University



Training set



- 1. Install MySQL and MySQL Workbench
- 2. Instruction to use MySQL Workbench
- 3. Install MySQL J Connector





General Availability (GA) Releases		
MySQL Community Server 8.0.18 Select Operating System:		Looking for previous GA
Microsoft Windows	۲	versions?
Recommended Download:		
MySQL Installer for Windows		E L
All MySQL Products. For All Windows Platforms In One Package.	£.	
Starting with MySQL 5.6 the MySQL Installer package replaces the standalone MSI packa		
Windows (x86, 32 & 64-bit), MyS(L Installer MS		Go to Download Page >
Other Downloads:		
Windows (x86, 64-bit), ZIP Archive	8.0.18	272.3M Download
(mysql-8.0.18-winx64.zip)	MD5: 3c1fc0bc3	368639d968fbe5bf8afa23d Signature
Windows (x86, 64-bit), ZIP Archive	8.0.18	402.6M Download
Debug Binaries & Test Suite (mysql-8.0.18-winx64-debug-test.zip)	MD5: 8d56a0f24	18d06598495b411dc29d3b9 Signature

Install Mysql on Windows 10: ♦ Access this link to download Mysql: <u>https://dev.mysql.com/downloa</u> <u>ds/mysql/</u>

General Availability (GA) Releases	
MySQL Installer 8.0.18	
Select Operating System:	Looking for previous GA
Microsoft Windows	versions?
Windows (x86, 32-bit), MSI Installer	8.0.18 18.6M Download
(mysql-installer-web-community-8.0.18.0.msi)	MD5: c509966c1033462027a009cc51a98cv Signature
Windows (x86, 32-bit), MSI Installer	8.0.18 415.1M Download
(mysql-installer-community-8.0.18.0.msi)	MD5: 906b5f84343d487f716f03b5925d8286 Signature







An Oracle Web Account provides you with the following advantages:

• Fast access to MySQL software downloads

No thanks, just start my download.

- Down oad technical v /hite Papers and Presentations
- Post messages in the MySQL Discussion Forums
- Report and track bugs in the MySQL bug system

Login » Using my Oracle Web account My SQL.com is using Oracle SSO for authentication. If you already have an Oracle Web account, clich the Login link. Otherwise, you can signup for a free account by clicking the Sign Up link and following the instructions.

Go to your downloads folder where you can see the mysql-installercommunity file, right click on that file and click Install option.

15	mysql-installer-community-8.0.12.0		9/1/2018 9:15 AM	Windows Installer	279,952 KB	
			Install			
			Repair			
			Uninstall			
			Troubleshoot compat	ibility		
		😌 Scan with Windows Defender				
			Open with			
			Share with		>	

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Here you can set your MySQL root user password.

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MySQL. Installer	Accounts and Ro	oles		
MySQL Server 8.0.12	Root Account Password Enter the password for the place.	root account. Pleas	e remember to store this	s password in a secure
Group Replication	MySQL Root Password:	•••••		
	Repeat Password:	•••••		
Type and Networking		Password streng	th: Medium	
Authentication Method				
Accounts and Poles				
Accounts and Roles				
Windows Service				
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Windows Service Apply Configuration	MySQL User Accounts Create MySQL user accour consists of a set of privile MySQL Username	nts for your users and ges. Host	d applications. Assign a r	ole to the user that
Windows Service Apply Configuration	MySQL User Accounts Create MySQL user accour consists of a set of privile MySQL Username	nts for your users and ges. Host	d applications. Assign a r	ole to the user that Add User Edit User
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Windows Service Apply Configuration	MySQL User Accounts Create MySQL user accour consists of a set of privile MySQL Username	nts for your users and ges. Host	d applications. Assign a r	Ole to the user that Add User Edit User Qelete



 Open MySQL Workbench and select local instance MySQL80, and then input your password of user root



🕅 Connect to I	MySQL Server	×				
Please enter password for the following service:						
	Service:	Mysql@localhost:3306				
~~~~	User:	root				
Workbench	Password:					
		Save password in vault				
		OK Cancel				

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#### Click **Schemas** on the left side bar to view list of databases.





Click To create a new SQL tab for executing queries.





**WINE** 



Navigator	Query 1 🗙	
SCHEMAS 🚸	🗀 📮   🖗 🖗 🔘 🚱 🔘 🞯 🕼 Limit to 1000 rows 🕞 🖕 🕩 🔍 🕥 🗊	
Q Filter objects		
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Object Info Session	student 2 ×         Output         Action Output         # Time         Action         1 23:10:09 show databases         2 23:10:22 select * from student LIMIT 0, 1000         3 23:10:38 use databasetest         4 23:10:38 select * from student LIMIT 0, 1000	Message 8 row(s) returned Error Code: 1046. No database selected Select the default DB to be used by double-clickin 0 row(s) affected 7 row(s) returned





In order to connect Java to MySQL, we need the Connector/J. Accessing this link to download Connector/J: <u>https://dev.mysql.com/downloads/connector/j/</u>





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- Extract mysql-connector-java file.
- ♦ Open Eclipse, right click on Java project → Build Path → Add External Archives...

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## Open the jconnector you have downloaded and select 2 files as in the image and then click Open

JAR Selection											×
$\leftarrow$ $\rightarrow$ $\checkmark$ $\uparrow$ $\square$ > This PC > Downloads > mysql-connector-java-5.1.48 > $\checkmark$ $\heartsuit$							Search	n mysql-conn	ector-java	<u>م</u>	
Organize 🔻 🛛 N	ew folder	r							===	-	?
<ul> <li>Quick access</li> <li>Desktop</li> <li>Downloads</li> <li>Documents</li> <li>Pictures</li> <li>Google Drive</li> <li>Decision Tree</li> <li>Iib</li> <li>Materials</li> <li>Simulation</li> <li>Dropbox</li> <li>OneDrive</li> <li>This PC</li> </ul>		Name src i src i s	- l-connector-java l-connector-java	-5.1.48.jar -5.1.48-bin.jar	Date modified 11/07/2019 1:43 PM 11/07/2019 1:43 PM 11/07/2019 1:43 PM	Type File folder Executable Jar File Executable Jar File	Size	984 KB 984 KB			
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✤ Jconnector added to Java Project. Now we can connect MySQL in Eclipse.



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