

Configuration for Lab



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Steps

- **Step 1. Install Java Environment**
- **Step 2. Install Database**
- **Step 3. Install Database Drivers**
- **Step 4. Create Database**
- **Step 5. Create Table**

Step 2. Install Database

- **RDBMS**

- MySQL(Maria) DB
- PostgreSQL DB
- Oracle DB

- **Non-RDBMS**

- Apache Derby
- Sqlite
- Microsoft Office Access & Excel

MySQL

- <http://dev.mysql.com/downloads/>
- **MySQL Community Server 5.6**
 - <http://dev.mysql.com/downloads/mysql/>
- **Connector/J 5.1**
 - <http://dev.mysql.com/downloads/connector/j/>
- **MySQL Workbench**
 - <http://dev.mysql.com/downloads/tools/workbench/>

Oracle Database Express Edition 11g Release 2

- <http://www.oracle.com/technetwork/database/database-technologies/express-edition/downloads/index.html>
- **Windows 32 bit & Linux 64 bit only.**

PostgreSQL

- <http://www.postgresql.org/download/>
- **PostgreSQL JDBC Driver**
 - <http://jdbc.postgresql.org/>

Microsoft SQL Server 2012 Express

- <http://www.microsoft.com/en-us/download/details.aspx?id=29062>
- Windows 7, Windows Server 2008 R2, Windows Server 2008 Service Pack 2, Windows Vista Service Pack 2
- Microsoft JDBC Driver 4.0 for SQL Server
 - <http://www.microsoft.com/en-us/download/details.aspx?id=11774>
 - Microsoft SQL Server 2012, 2008 R2, 2008, 2005

Apache Derby

- <http://db.apache.org/derby/>



Sqlite

- <https://sqlite.org/>
- **SQLite Database Browser**
 - <http://sqlitebrowser.sourceforge.net/index.html>
- **SQLite JDBC Driver**
 - <https://bitbucket.org/xerial/sqlite-jdbc>



Microsoft Office Access & Excel

- **Microsoft Office Professional Plus 2013**

- <http://technet.microsoft.com/en-US/evalcenter/jj192782.aspx>