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# **INSTALLATION DOCUMENT**

To be able to use the P2P file sharing application, the Installation requirements are as follows :

**Software Requirements** :

**Linux**

* Oracle Linux 5.5 and above
* Ubuntu Linux 10.04 and above

**Windows**

* Windows 10
* Windows 8
* Windows 7
* Windows Vista

In a hardware device which has one of the Operating Systems above, the next steps of Installation are :

# **Install JAVA**

**LINUX**

**jre-8u*version*-linux-i586.tar.gz**

1. Download the file https://docs.oracle.com/javase/8/docs/technotes/guides/install/linux\_jre.html#CFHIEGAA
2. Before the file can be downloaded, you must accept the license agreement.( Note that only the root user can install the JRE into the system location.)
3. Change directory to the location where you would like the JRE to be installed, then move the .tar.gz archive binary to the current directory.
4. Unpack the tarball and install the JRE.
5. The JRE files are installed in a directory called **jre1.8.0\_version** in the current directory.
6. **.tar.gz** can be deleted to save space

**Windows**

1. Make sure you download java SE 1.8 for the product to exhibit expected results.

2.<http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>

3. Set java path in env variables from the **User Task Menu**>**System**>**Advanced System Settings** >**System Properties**> **Advanced**>**Environment Variables**. In the Environment Variables,set **Path** variable in the "System variables" section and click the **Edit** button. Add or modify the path lines with the path of folder with JRE.

The setup for running the product is complete. It is now needed to run the “.jar” file which is the product delivered to the user.

**Install MySQL:**

Go to this page and select proper package based on your platform: <http://dev.mysql.com/downloads/mysql/>

In the next page you can Login/Sign up if you have/want an Oracle account, otherwise at the bottom of the page choose "No thanks, just start my download." to start your download. The package size is between 250MB to 350MB depend on the platform you choose.

**LINUX**

To install MySQL on Linux follow the instructions below :

<http://www.thegeekstuff.com/2008/07/howto-install-mysql-on-linux/>

**Windows OS**

1. Once the mySQL server download is complete,double click the file to start the installation process.
2. Follow the instructions to install mySQL Installer – Community. Once the installation is complete it will open mySQL Installer from where you need to setup and create the mySQL server instance.
3. Add mysql command to the Windows PATH Variable, adding MySQL to the Windows PATH variable will allow you run various commands from the console, and allow 3rd party applications to execute various MySQL commands.
4. Download JDBC driver for MySQL in order to have Java program working with MySQL, we need a JDBC driver for MySQL. Browse this URL:<http://dev.mysql.com/downloads/connector/j/> to download the latest version of the JDBC driver for MySQL called Connector/J.
5. Copy this file into your project and make it available in your program’s classpath.

**Running the .jar file :**

At this point, the client haseverything he needs to run the .jar file provided to him. The steps to run the .jar file are :

**LINUX :**

1. Right click the .jar file > Properties
2. Click on the “Open With” option
3. Change the default choice to the installed JRE.
4. Click Close
5. Double click it to run the .jar file

OR

From command line type :

**java -jar jarfilename.jar**

**Windows :**

# Open a notepad.exe.

# Write : java -jar filename.jar

# Save it with the extension .bat

# Copy it to the directory which has the .jar file

# Double click it to run your .jar file

OR

From command line type :

**start C:\Java\bin\javaw.exe -jar C:\myfolder\myprogram.jar**