**1. Prerequisites:**

Before attempting to create a Maven project in Eclipse, ensure that Eclipse is configured with the following:

* An m2eclipse plugin compatible with Maven 3.3 or higher.
* A JDK 1.8 or higher.(This is for ide. ex: eclipse)
* IDE: Eclipse Kepler Service Release 1
* apache-maven-3.3.9
* postgres

**2. Java installation process:**

* Download and install jdk1.5.0\_20
* Click Start, then Control Panel, then System.
* Click Advanced, then Environment Variables.
* Add the location of the bin folder of the JDK installation for the PATH variable in System Variables. The following is a typical value for the PATH variable:
* C:\Program Files\Java\jdk1.5.0\_20\bin

**3. Maven installation process:**

* Download apache-maven-3.3.9.zip and unzip it.
* Click Start, then Control Panel, then System.
* Click Advanced, then Environment Variables.
* Add the location of the bin folder of the Maven installation for the PATH variable in System Variables. The following is a typical value for the PATH variable:
* C:\Program Files\apache-maven-3.3.9\bin

**4. Git for Windows stand-alone installer**

1.Download the latest Git for Windows installer.

2. When you've successfully started the installer, you should see the Git Setup wizard screen. Follow the Next and Finish prompts to complete the installation. The default options are pretty sensible for most users.

3. Open a Command Prompt (or Git Bash if during installation you elected not to use Git from the Windows Command Prompt).

**5. Project checkout for git**

run following command in workspace.

git clone https://github.com/kumardeepakbca/playSchool.git

git pull

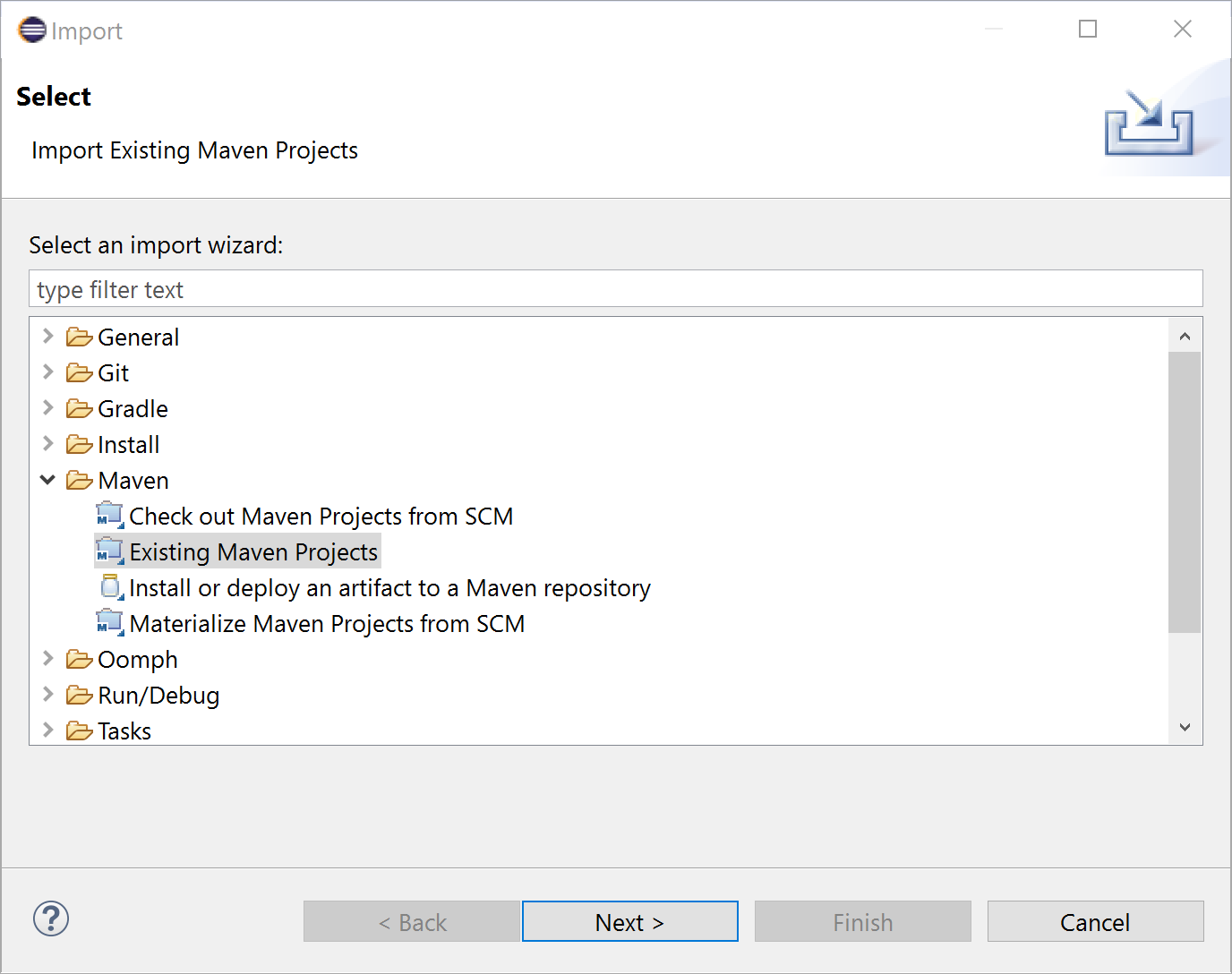
After that source code will come in workspace

**6. Steps for Import maven project in Eclipse:**

From the File menu, select Import.

1. The Select screen opens.

2. Expand Maven and select Existing Maven Projects.



3. Click Next.

1. Complete project structure for development:

### 7.Install PostgreSQL

To install PostgreSQL on Windows:

1. Download and run the [Windows PostgreSQL one click installer](http://www.enterprisedb.com/products-services-training/pgdownload#windows).
2. Install PostgreSQL as a Windows Service.
3. Keep track of the **PostgreSQL Windows Service** account name and password. LabKey Server doesn't really care what this password is set to, but we need to ask for it so that we can pass it along to the PostgreSQL installer.
4. Keep track of the **database superuser** name and password. You'll need these to configure LabKey Server. LabKey Server uses this password to authenticate itself to PostgreSQL.
5. Select the PL/pgsql procedural language for installation when prompted by the installer.
6. We recommend that you install the graphical tool pgAdmin (III or 4, as applicable) for easy database administration. Leave the default settings as they are on the "Installation Options" page to include pgAdmin.

**How to run project?**

**1. Inside project code at pom.xml location run following command:**

1. mvn clean install

2. after that war file created in target folder.

3. copy war file in tomcat webapps folder and start tomcat.

4. use following url to see project:

http://localhost:8080/ manageChild