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| **ELMS SETUP DOCUMENTATION** |

Requirements to setup ELMS:

* ELMS setup
* Eclipse Neon(version)
* JDK 1.8
* MySQL 5.5
* Apache Tomcat Server 7
* Apache Maven
* Tortoise SVN

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| **Installing Java** |

* Download Java SE, the version based on your Operating System from Oracle.
* Run the .exe to install Java on your machine.

**Setting up the Path for Windows:**

* Go to My Computer>Properties>Advanced Tab>Environment Variables.
* Click new button for new user variable.
* Set variable ‘JAVA\_HOME’=” C:\Program Files\Java\jdk1.8.0\_101”.
* Copy the path till bin and paste it in system path variable. Click the OK button.
* Open command prompt and type the command ‘java –verion’.
* **If installed** properly, it'll list the **java** version, JRE version, etc. You can additionally **check** by trying the javac command too.

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| **Installing Eclipse IDE** |

* Download and install Eclipse Neon from [www.eclipse.org](http://www.eclipse.org) based on your operating system.

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| **Installing MySQL 5.5** |

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| **Installing Apache Tomcat 7 Server** |

* Download the Apache Tomcat 7 setup file
* Install the .exe file. Set the correct port no, username and password.
* Set the directory where you need to install it.

Setting the manager application

* Go to the tomcat installation folder>Tomcat>conf. Open tomcat-users.xml file.
* Configure it as shown below.
* Open services and start the Apache tomcat 7.0 service.
* Now open your local browser and try to access the server.
* Ex. localhost:9090
* You should get the screen shown as below.

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| **Installing Tortoise SVN** |

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| **Installing Apache Maven** |

* Download and install Apache Maven 3.5.0
* Set the environment variable JAVA\_HOME to C:\Program Files\Java\jdk1.7.0\_60.
* Append the string “C:\Program Files\Java\jdk1.7.0.60\bin” to the end of the system variable Path.
* To check the maven is successfully installed type the mvn –v in command prompt.
* Setup is completed.

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| **ELMS setup in Eclipse IDE** |

* Download and install eclipse IDE.
* Click on File>Open Project from File System.
* Select the directory where the ELMS setup is present.
* After importing the project, right click on Project>Run as>Maven Install.
* Image
* Right click on Project>Run as>Run on Server.
* The application should run successfully. Fig. A shows the homepage.
* Image of Landing screen.