

MET CS 673

PLM- Project Life cycle Management

Setup Guide

Author:

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More information can be found from Christian's document:

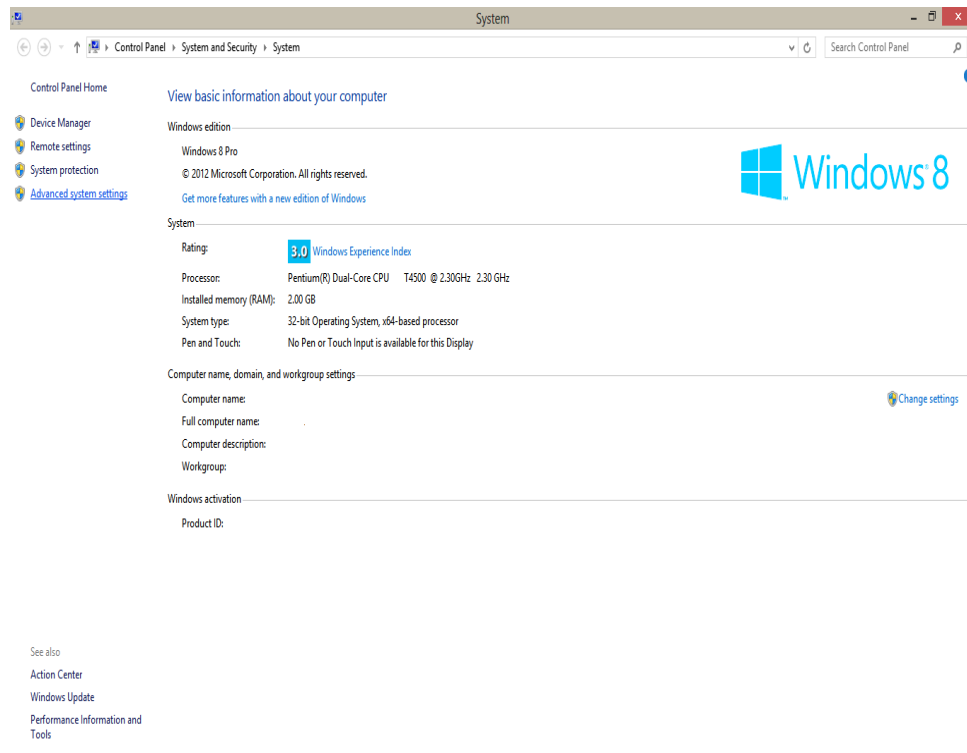
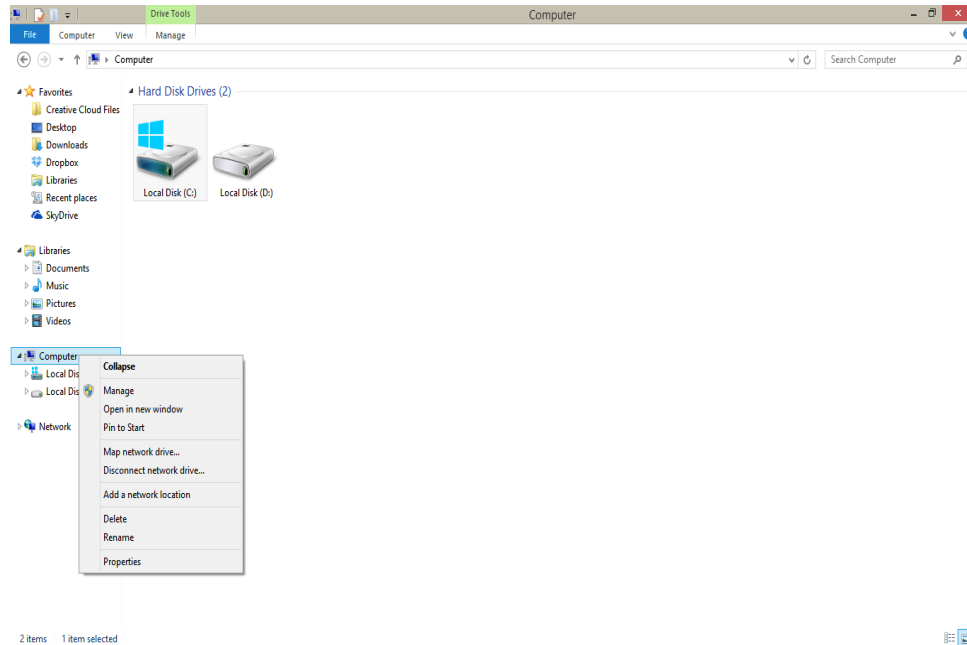
<https://github.com/heckendorfc/plm/blob/development/documentation/internal/usage.pdf>

1. Download and install java sdk based on your system configuration from here

<http://www.oracle.com/technetwork/java/javase/downloads/index.html>

2. After installation set the JAVA_HOME environment variable as follows:

- Goto mycomputer → properties → advanced settings



System

Control Panel > System and Security > System

Control Panel Home View basic information about your computer

Windows edition

Device Manager Remote settings System protection Advanced system s

System Properties

Computer Name Hardware Advanced System Protection Remote

You must be logged on as an Administrator to make most of these changes.

Performance
Visual effects, processor scheduling, memory usage, and virtual memory
Settings...

User Profiles
Desktop settings related to your sign-in
Settings...

Startup and Recovery
System startup, system failure, and debugging information
Settings...

Environment Variables...
OK Cancel Apply

Windows 8

T4500 @ 2.30GHz 2.30 GHz

ased processor
ible for this Display

Change settings

See also
Action Center
Windows Update
Performance Information and Tools

System

Control Panel > System and Security > System

Control Panel Home View basic information about your computer

Windows edition

Device Manager Remote settings System protection Advanced system s

System Properties

Computer Name Hardware Advanced System Protection Remote

Environment Variables

User variables for Elcot

Variable	Value
ANT_HOME	C:\apache-ant-1.9.2
CATALINA_HOME	C:\apache-tomcat-7.0.42
JAVA_HOME	C:\Program Files\Java\jdk1.7.0_25
MOZ_PLUGIN_P...	C:\Program Files\Foxit Software\Foxit R...

New... Edit... Delete

System variables

Variable	Value
asl.log	Destination=file
CLASSPATH	.;C:\Program Files\Java\jre7\lib\ext\QT...
ComSpec	C:\WINDOWS\system32\cmd.exe
FP_NO_HOST_C...	NO

New... Edit... Delete

OK Cancel

Windows 8

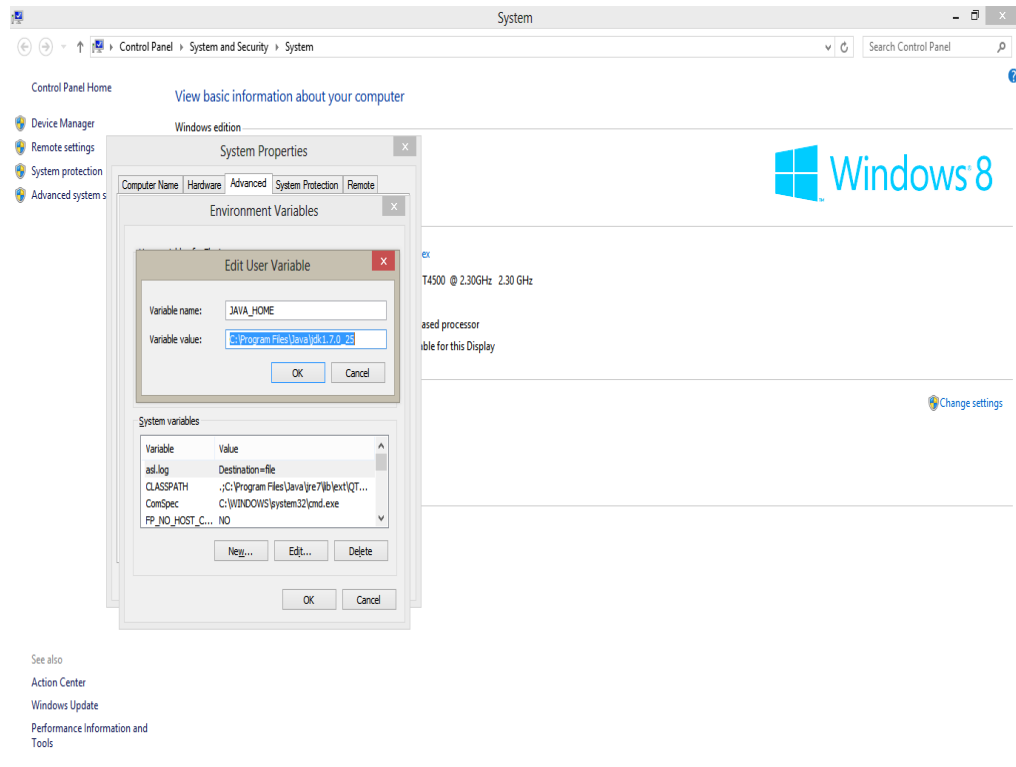
T4500 @ 2.30GHz 2.30 GHz

ased processor
ible for this Display

Change settings

See also
Action Center
Windows Update
Performance Information and Tools

- Click new and write the path for the java sdk



- Select PATH under system variables and click edit
(MAKE SURE TO ADD \bin in java path
Eg: for path in the following path should be appended. Use ; to
separate paths
C:\Program Files\Java\jdk1.7.0_25\bin

The screenshot shows the Windows 8 'System' control panel window. The 'System Properties' dialog is open, and the 'Environment Variables' sub-dialog is active. The 'User variables for Boot' section lists variables like ANT_HOME, CATALINA_HOME, JAVA_HOME, and MOZ_PLUGIN_PATH. The 'System variables' section lists NUMBER_OF_PROCESSORS, OS, Path, and PATHENT, with 'Path' selected and its value 'C:\Windows\system32;C:\Windows;...' visible. The background shows the 'System' control panel page with the Windows 8 logo and system specifications like 'T4500 @ 2.30GHz, 2.30 GHz'.

Apache Tomcat - Apache X

LinuxMET ITToolsLeetalgoScholarshipalgo animeEC544Sign In | Boston Uni...Student Link MenuJob Search Intelligen...Sign in | BU CareerLi...www.ee.uwa.edu.au...

Problems?
Security Reports
Find help
FAQ
Mailing Lists
Bug Database
IRC

Get Involved
Overview
SVN Repositories
Buildbot
Reviewboard
Tools

Media
Blog
Twitter

Misc
Who We Are
Heritage
Apache Home
Resources
Contact
Legal
Sponsorship
Thanks

tomcat.apache.org/download-70.cgi

7.0.42

Please see the [README](#) file for packaging information. It explains what every distribution contains.

Binary Distributions

- Core:
 - [zip \(pgp, md5\)](#)
 - [tar.gz \(pgp, md5\)](#)
 - [32-bit Windows zip \(pgp, md5\)](#)
 - [64-bit Windows zip \(pgp, md5\)](#)
 - [64-bit Itanium Windows zip \(pgp, md5\)](#)
 - [32-bit/64-bit Windows Service Installer \(pgp, md5\)](#)
- Full documentation:
 - [tar.gz \(pgp, md5\)](#)
- Deployer:
 - [zip \(pgp, md5\)](#)
 - [tar.gz \(pgp, md5\)](#)
- Extras:
 - [JMX Remote jar \(pgp, md5\)](#)
 - [Web services jar \(pgp, md5\)](#)
 - [JULI adapters jar \(pgp, md5\)](#)
 - [JULI log4j jar \(pgp, md5\)](#)
- Embedded:
 - [tar.gz \(pgp, md5\)](#)
 - [zip \(pgp, md5\)](#)

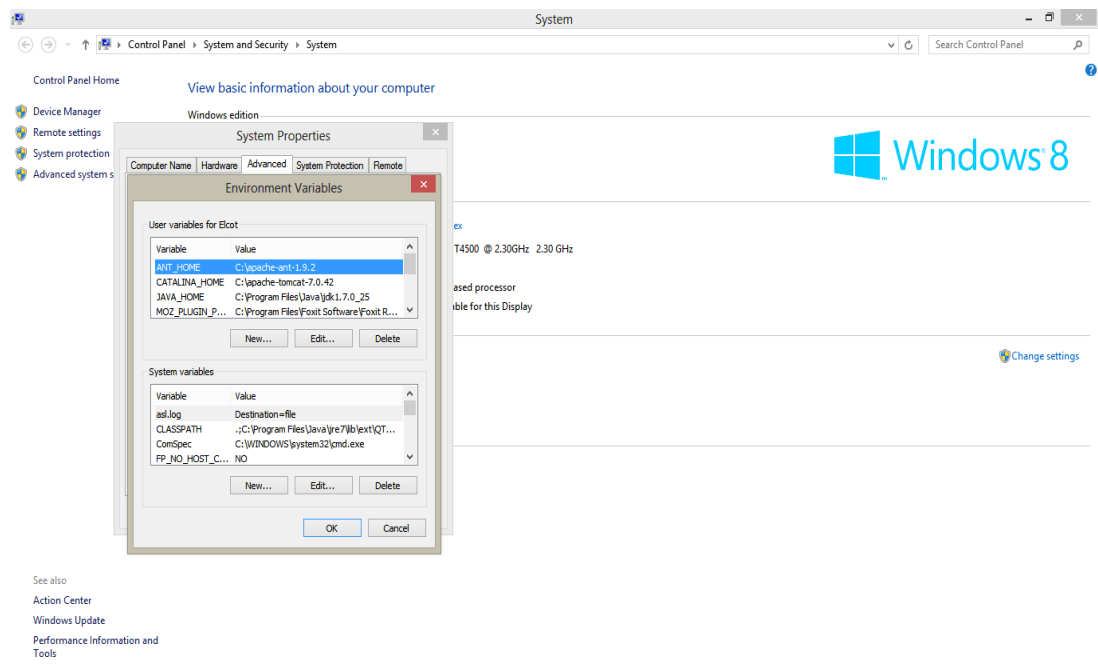
Source Code Distributions

- [tar.gz \(pgp, md5\)](#)
- [zip \(pgp, md5\)](#)

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4. Set the user variable for apache tomcat as follows (as above for java).
- Download and unzip apache tomcat into any desired folder of your choice
 - Paste C:\apache-tomcat-7.0.42 in the user variable in the environment variable like below
 - Set the variable name as CATALINA_HOME for apache tomcat



- Append the path C:\apache-tomcat-7.0.42\bin

Download [apache-ant-1.9.2-bin.zip](http://www.poolsabovground.com/apache//ant/binaries/) from
<http://www.poolsabovground.com/apache//ant/binaries/>

Index of /apache//ant/binaries

Name	Last modified	Size	Description
Parent Directory	-		
README.html	12-Jul-2013 07:05	1.0K	
apache-ant-1.9.2-bin.tar.bz2	12-Jul-2013 07:05	4.1M	
apache-ant-1.9.2-bin.tar.gz	12-Jul-2013 07:05	5.3M	
apache-ant-1.9.2-bin.zip	12-Jul-2013 07:05	7.9M	

Changes from Ant 1.9.1 TO 1.9.2
=====

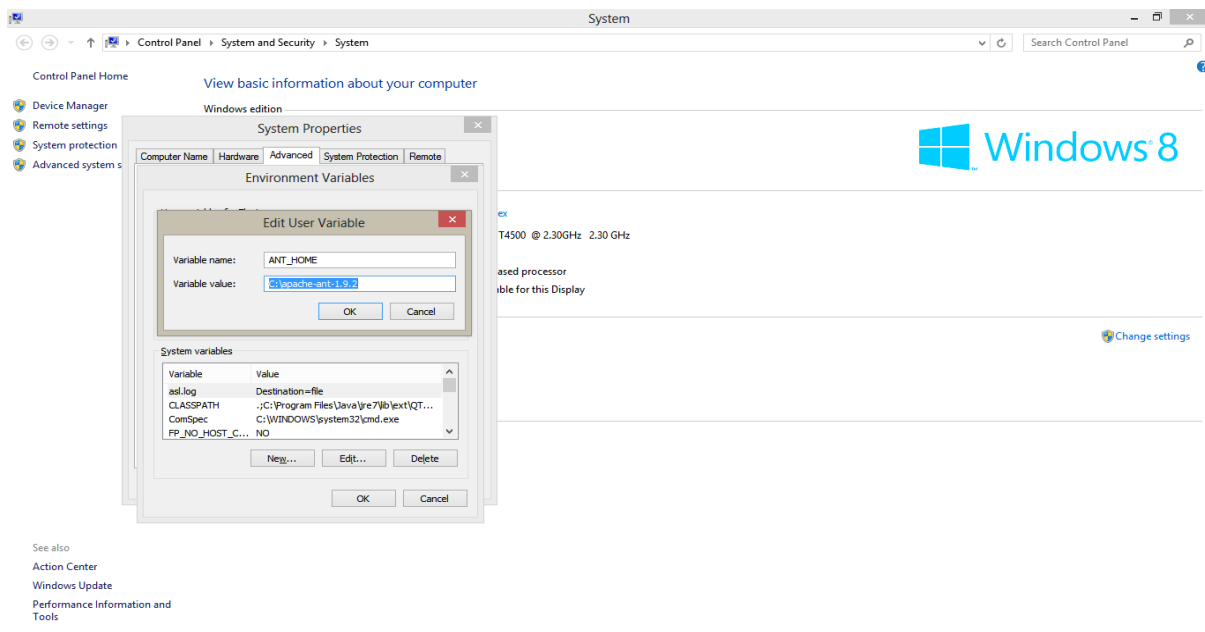
Fixed bugs:

- * Parsing of zip64 extra fields has become more lenient in order to be able to read archives created by DotNetZip and maybe other archivers as well.
- * TarInputStream should now properly read GNU longlink entries' names. Bugzilla Report 55040.
- * <java> and <exec> used to be too restrictive when evaluating whether a given set of options is compatible with spawning the new process. Bugzilla Report 55112.

Other changes:

5. Set the user variable for apache ant as follows (as above for java and tomcat).

- Download and unzip apache ant into any desired folder of your choice
- Paste C:\apache-ant-1.9.2 in the user variable in the environment variable like below
- Set the variable name as ANT_HOME for apache ant



- Append the path name in path under system variable as follows
C:\apache-ant-1.9.2\bin

6. Download mysql jdbc from <http://dev.mysql.com/downloads/connector/j/>

The screenshot shows the MySQL Connector/J 5.1.26 download page. The page has a blue header with 'Current' and 'Archives' tabs. The main content area is titled 'Download Connector/J' and features a 'Select Platform:' dropdown menu set to 'Microsoft Windows'. Below this, there is a table of download links for different operating systems. The 'Windows (x86, 32-bit), MSI Installer' link is highlighted, showing version 5.1.26 and a size of 6.1M. A 'Download' button is next to it. Below the table, there is a note suggesting the use of MD5 checksums and GnuPG signatures to verify the integrity of the packages. On the left side, there is a 'Contact Sales' section with phone numbers for various countries.

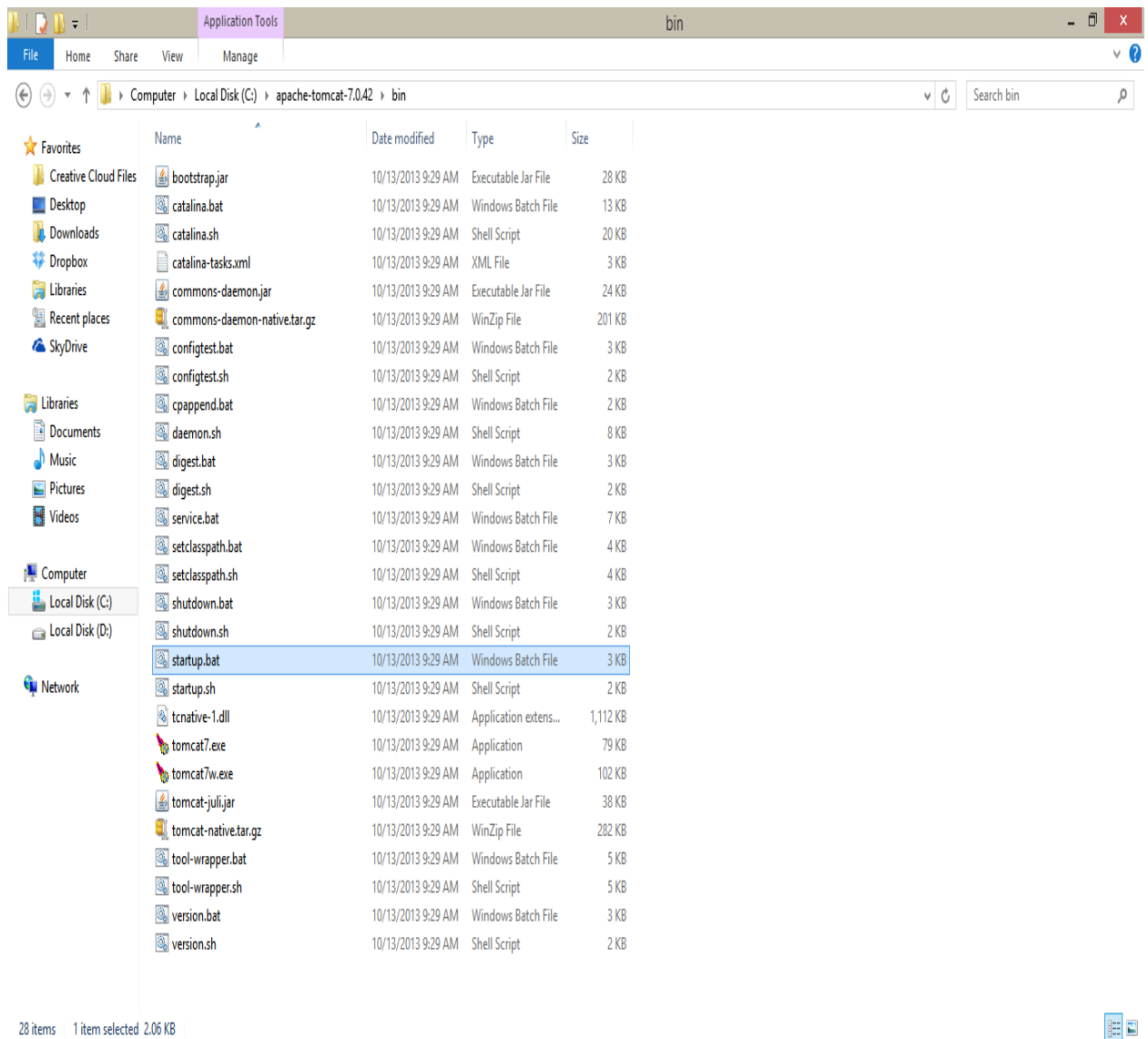
Operating System	Version	Size	Download
Windows (x86, 32-bit), MSI Installer	5.1.26	6.1M	Download
Windows (x64, 64-bit), MSI Installer	5.1.26	6.1M	Download
Linux (x86, 32-bit), RPM	5.1.26	6.1M	Download
Linux (x86, 32-bit), DEB	5.1.26	6.1M	Download
Linux (x64, 64-bit), RPM	5.1.26	6.1M	Download
Linux (x64, 64-bit), DEB	5.1.26	6.1M	Download
Mac OS X (x86_64), DMG	5.1.26	6.1M	Download
Mac OS X (x86_64), PKG	5.1.26	6.1M	Download
Mac OS X (x86_64), ZIP	5.1.26	6.1M	Download
Mac OS X (x86_64), TAR	5.1.26	6.1M	Download
Mac OS X (x86_64), DMG	5.1.26	6.1M	Download
Mac OS X (x86_64), PKG	5.1.26	6.1M	Download
Mac OS X (x86_64), ZIP	5.1.26	6.1M	Download
Mac OS X (x86_64), TAR	5.1.26	6.1M	Download

7. download mysql 5 from <http://dev.mysql.com/downloads/mysql/4.1.html>

The screenshot shows the MySQL 5.6 for Windows download page. The page has a blue header with 'Downloads' and 'Archives' tabs. The main content area is titled 'MySQL Installer 5.6 for Windows' and features a 'Download' button. Below this, there is a table of download links for different operating systems. The 'Windows (x86, 64-bit), MySQL Installer MSI' link is highlighted, showing version 5.0.8 and a size of 1.0M. A 'Download' button is next to it. Below the table, there is a note suggesting the use of MD5 checksums and GnuPG signatures to verify the integrity of the packages. On the left side, there is a 'Contact Sales' section with phone numbers for various countries.

Operating System	Version	Size	Download
Windows (x86, 64-bit), MySQL Installer MSI	5.0.8	1.0M	Download
Windows (x86, 32-bit), EXE	5.0.8	1.0M	Download
Windows (x86, 32-bit), EXE	1.0.10	0.6M	Download
Windows (x86, 32-bit), EXE	1.0.10	0.6M	Download

7. (IGNORE IF ALREADY DONE THIS STEP) Christian's master branch in git has to be cloned in to your system. USE git clone <https://github.com/heckendorfc/plm.git>
8. Open the directory dist under (plm\services\dist) and copy plm.war
9. Paste this plm.war file under webapps folder in apache tomcat(apache-tomcat-7.0.42\webapps)
10. Click startup.bat file in apache tomcat's bin folder (apache-tomcat-7.0.42\bin)



11. Open cmd in windows and change the directory to the /plm/services and type the following

ant

*****[this should run and give an information build successful as below. If not check the error message it gives and post it in our group so that anyone can help]*****

PLM-MET673 - Google Gr x MySQL :: Download Conn x New tab

dev.mysql.com/downloads/connector/j/

Apps Linux MET IT Tools Leet algo Scholarship algo anime EC544 Sign In | Boston Uni... BU Student Link Menu

Current Archives

Download Connector/J

MySQL Enterprise Edition

```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 6.2.9200]
(c) 2012 Microsoft Corporation. All rights reserved.

C:\Users\Elcot>cd C:\plm\services

C:\plm\services>ant
Buildfile: C:\plm\services\build.xml

init:

prepare:

compile:
[javac] C:\plm\services\build.xml:50: warning: 'includeantruntime' was not s
et, defaulting to build.sysclasspath=last; set to false for repeatable builds
[javac] Compiling 30 source files to C:\plm\services\build\WEB-INF\classes
[javac] Note: Some input files use unchecked or unsafe operations.
[javac] Note: Recompile with -Xlint:unchecked for details.
[copy] Copying 1 file to C:\plm\services\build\WEB-INF\classes

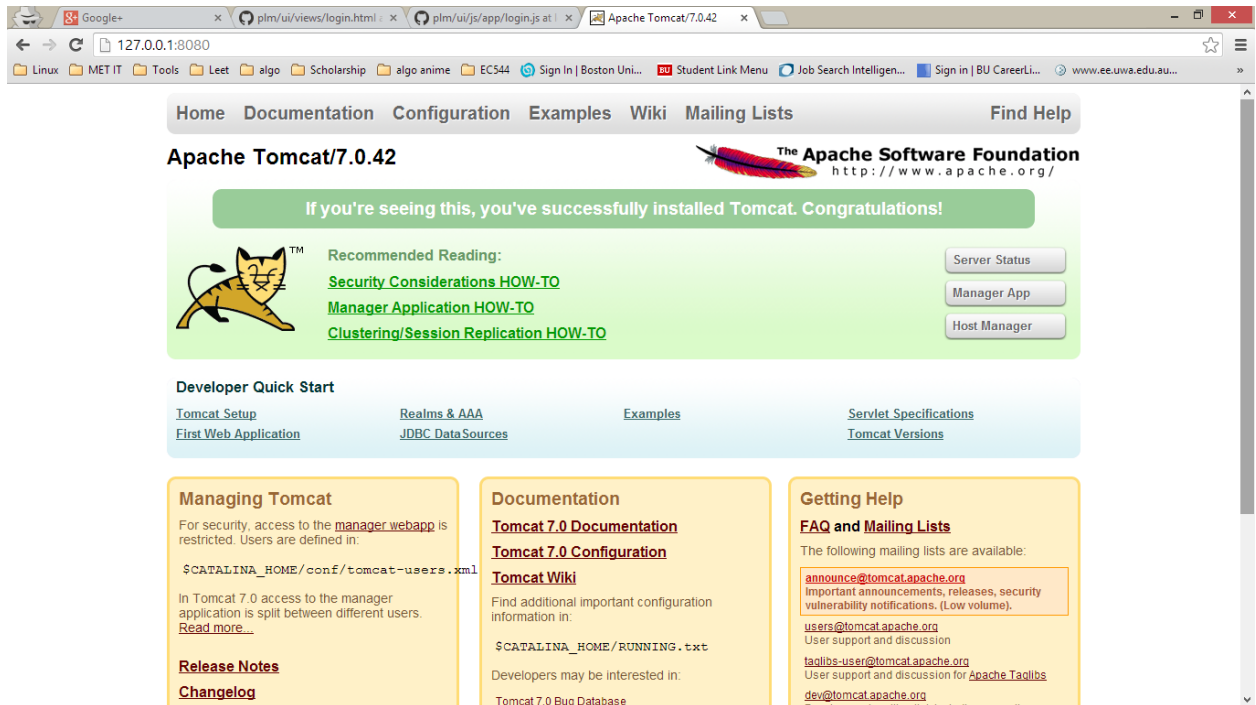
buildWar:
[mkdir] Created dir: C:\plm\services\dist
[jar] Building jar: C:\plm\services\dist\plm.war

all:

BUILD SUCCESSFUL
Total time: 7 seconds

C:\plm\services>_
```

12.If all the steps were successful, you should be able to see the apache tomcat server page when you type <http://127.0.0.1:8080> in your browser



13.Then type <http://127.0.0.1:8080/plm/login.html> or any other desired html page to check them

14.Happy Integration!!!