**TOMCAT SERVER CONFIGURATION**

There are certain steps we must follow for configuring Apache Tomcat 7.

**Step 1**

Download and Install Tomcat 1. Go to http://tomcat.apache.org/download-70.cgi then go to the Binary Distribution/Core/ and download the "zip" package (for example "apache-tomcat-7.0.40.zip", about 8MB).

**Step 2**

Check the installed directory to ensure it contains the following sub-directories:

bin folder

logs folder

webapps folder

work folder

temp folder

conf folder

lib folder

**Step 3**

Now, we need to create an Environment Variable JAVA\_HOME. We need to create an environment variable called "JAVA\_HOME" and set it to our JDK installed directory. 1. To create the JAVA\_HOME environment variable in Windows XP/Vista/7 we need to push the "Start" button then select "Control Panel" / "System" / "Advanced system settings". Then switch to the "Advanced" tab and select "Environment Variables" / "System Variables" then select "New" (or "Edit" for modification). In "Variable Name", enter "JAVA\_HOME". In "Variable Value", enter your JDK installed directory (e.g., "c:\Program Files\Java\jdk1.7.0\_{xx}"). 2. For ensuring that it is set correctly, we need to start a command shell (to refresh the environment) and issue: set JAVA\_HOME JAVA\_HOME=c:\Program Files\Java\jdk1.7.0\_{xx} <== Check that this is OUR JDK installed directory 3. Sometimes we need to set JRE\_HOME also. So for creating JRE\_HOME we need to use the same procedure. Push the "Start" buttonthen select "Control Panel" / "System" / "Advanced system settings". Then switch to the "Advanced" tab and select "Environment Variables" / "System Variables" then select "New" (or "Edit" for modification). In "Variable Name", enter "JRE\_HOME". In "Variable Value", enter your JRE installed directory (e.g., "C:\Program Files\Java\jre7\").

**Step 4**

Configure Tomcat Server

The configuration files of the Apache Tomcat Server are located in the "conf" sub-directory of our Tomcat installed directory, for example "E:\myserver\tomcat7.0.40\conf". There are 4 configuration XML files:

1. context.xml file 2. tomcat-users.xml file

**Step 5**

Now, start the tomcat server Executable programs and scripts are kept in the "bin" sub-directory of the Tomcat installed directory, e.g., "E:\myserver\tomcat7.0.40\bin".