# Step by Step Guide for Windows/SQL eSuite Installation

1. Install Latest Java JDK V7 with default options
2. Install Apache Tomcat V6 (Windows Service Version)
   1. Normal Installation
   2. Confirm and Note Ports  
      If you have multiple versions of eCourt installed on this machine it is imperative that all 3 ports (http, shutdown, AJP) are different from each other and different from other install's ports. You can compare ports for each install by going to Program Files/Apache Foundation/<tomcat\_install>/conf/server.xml
   3. Name the service Tomcat6\_Train
   4. Leave Administrator Login information as is.
   5. When Setting Java Path go into the JRE Subfolder inside the JDK folder, Not the JRE folder in the root of Java
   6. Leave "Run Apache Tomcat" checked, uncheck "Open Readme".
3. Create the eCourtHome Directory (IE X:\eCourtHome)
   1. Note the directory for Step 5.
4. Open Tomcat Server Configuration (Right-Click Tomcat service in Taskbar)
5. Set Java Options
   1. Click Java tab
   2. Add the following to the bottom of the Java Options window  
      -Duser.home=X:\eCourtHome (From Step 3)  
      -XX:MaxPermSize=512m  
      -XX:+UseCompressedOops  
      -Dorg.apache.jasper.runtime.BodyContentImpl.LIMIT\_BUFFER=true  
      -DLog4jContextSelector=org.apache.logging.log4j.core.async.AsyncLoggerContextSelector
6. Set Initial and Max Memory Settings
   1. On Java Tab
   2. Set ‘Initial Memory Pool’ to 512 MB
   3. Set ‘Max Memory Pool’ to a minimum of 4096
   4. Click ‘Apply’
   5. Close Configuration
7. Verify Tomcat Installation
   1. Open [http://machinename:port](http://machinenameport) (from step 2)
   2. Tomcat Info page means a successful installation
8. Create a backup of production database
   1. Right-click database -> Tasks -> Backup…
   2. Note the save location on Disk.
   3. Click Ok
9. Restore backup to new database
   1. Right-click 'Databases' -> New Database…
   2. Give the new database a name (i.e. eCourt Train)
   3. In the Options (left panel), change Recovery model to 'Simple'
   4. Click Ok
   5. Right click on new database -> Tasks -> Restore->Database…
   6. Select Device for your source
   7. Click the elipses
   8. Click Add
   9. Navigate to location (step 8.2) of your .bak (might need to select "All Files" in bottom-right of window to be able to select it)
   10. Click Ok
   11. Click Ok
   12. Select the Destination Database as your newly created database.
   13. In the Options menu (left panel) select the top two checkboxes in Restore options
   14. Click Ok (it might take a while, depending on the size of database, to restore)
10. Setup config files
    1. Go to the directory setup in step 3
    2. Copy the cmsuser.properties file (from production folder) into this directory
    3. Edit the cmsuser.properties file to match your new install (These are the important ones)  
       - db.url=jdbc:jtds:sqlserver://<db server name>;databaseName=<db name>   
       -db.user=ecourt  
       -db.password=  
       -db.schema=ecourt
11. Copy eCourt installation war file and place in webapps directory
    1. Stop the Tomcat service
    2. Move the cmsuser.properties file into the auto-created “ecourt” folder within the directory created in step 3.
    3. Copy the .war file from the production folder

C:\Program Files\Apache Software Foundation\Tomcat 6.0 (prod)\webapps

* 1. Rename the .war file to sustain.war
  2. Place the file in this directory  
     C:\Program Files\Apache Software Foundation\Tomcat 7.0\_Train)\webapps

1. Restart Tomcat Service to Install eCourt