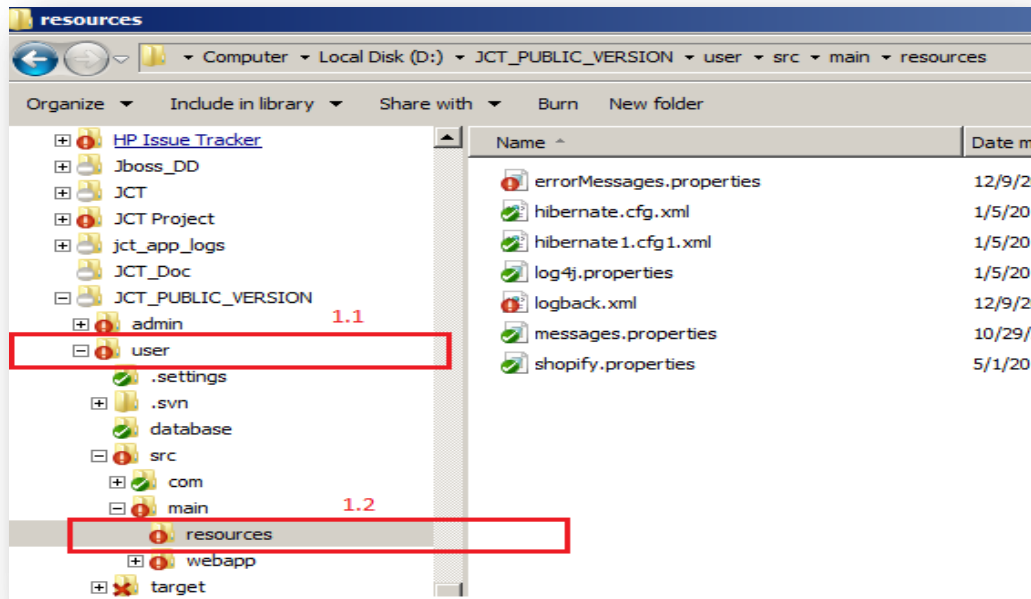# Configuration of the Log and Generated PDF path

1. Open the Code base of **user** application on your system(Point: 1.1), and navigate to the folder **resources**(Point: 1.2).
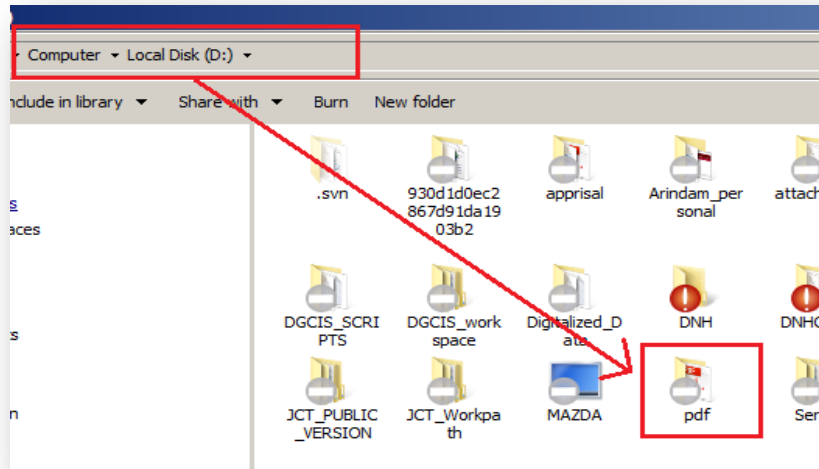

2. Open 2 files from the **resources** folder:

   A. **errorMessages.properties :**

   Provide the path for the generated .pdf(s) as following example.

Note: Also create the folder **pdf** in that directory / folder, see the following example:
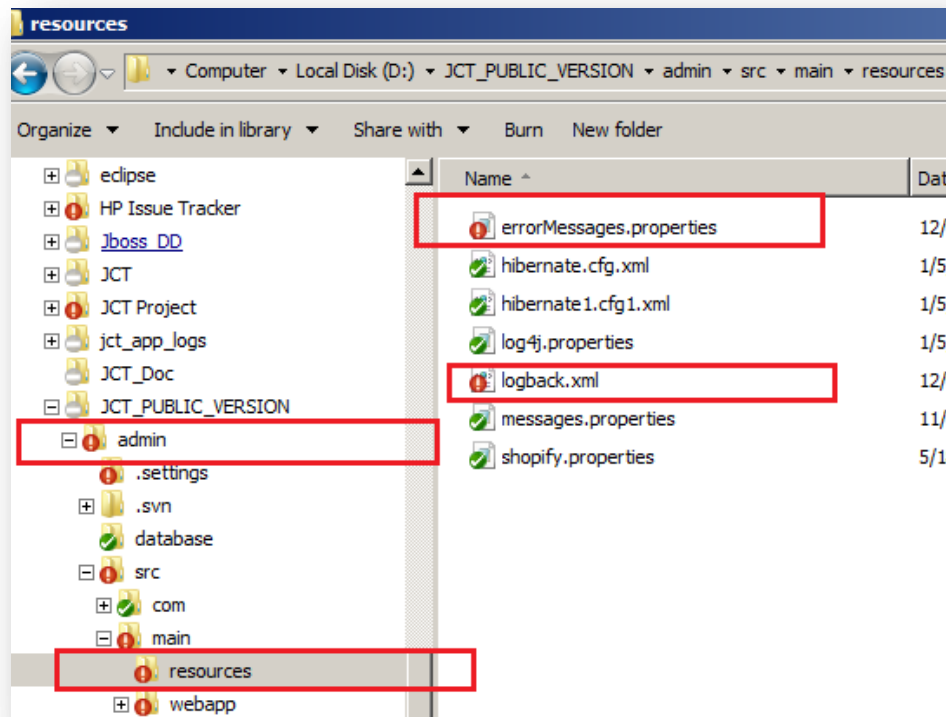
B. **logBack.xml:**

Provide the path for the generated log files as following example:

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<configuration scan="true" scanPeriod="5 minutes">
    <!-- <appender name="STDOUT"
            class="ch.qos.logback.core.ConsoleAppender">
        <layout class="ch.qos.logback.classic.PatternLayout">
            <pattern>%-4relative [%thread] %-5level %class - %msg%n</pattern>
        </layout>
    </appender> -->
<appender name="dailyRollingFileAppender" class="ch.qos.logback.core.rolling.RollingFileAppender">
    <file>D:/jct_app_logs/jct_tool_log/jct_tool.log</file>
    <rollingPolicy class="ch.qos.logback.core.rolling.TimeBasedRollingPolicy">
        <!-- daily rollover -->
        <FileNamePattern>D:/jct_app_logs/jct_tool_log/jct_tool-%d{yyyy-MM-dd}.log</FileNamePattern>
    </rollingPolicy>
    <encoder>
        <Pattern>%d{HH:mm:ss.SSS} [%thread] %-5level %logger{35} - %msg %n</Pattern>
    </encoder>
</appender>
```
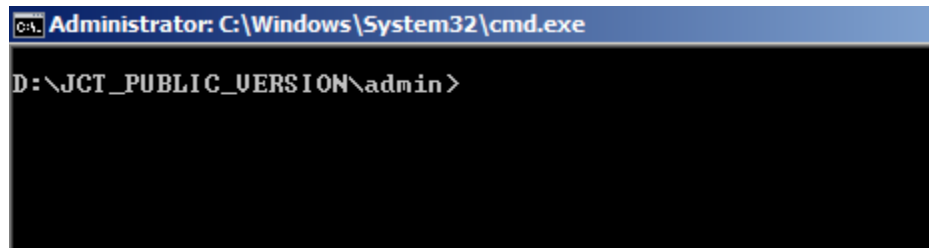
3. Open the Code base of **admin** application on your system(Point: 1.1), and navigate to the folder **resources**(Point: 1.2).

And do the same changes as we have done for **user** application (Point: **2.A**, **2.B**).

How to build the project using maven

1. We are assuming that you have already installed maven in your system.

2. Open Command Prompt.

3. Navigate to your project's root folder **user** / **admin**(see the below example, let us build for **admin.** You need to do the same for the **user** also).
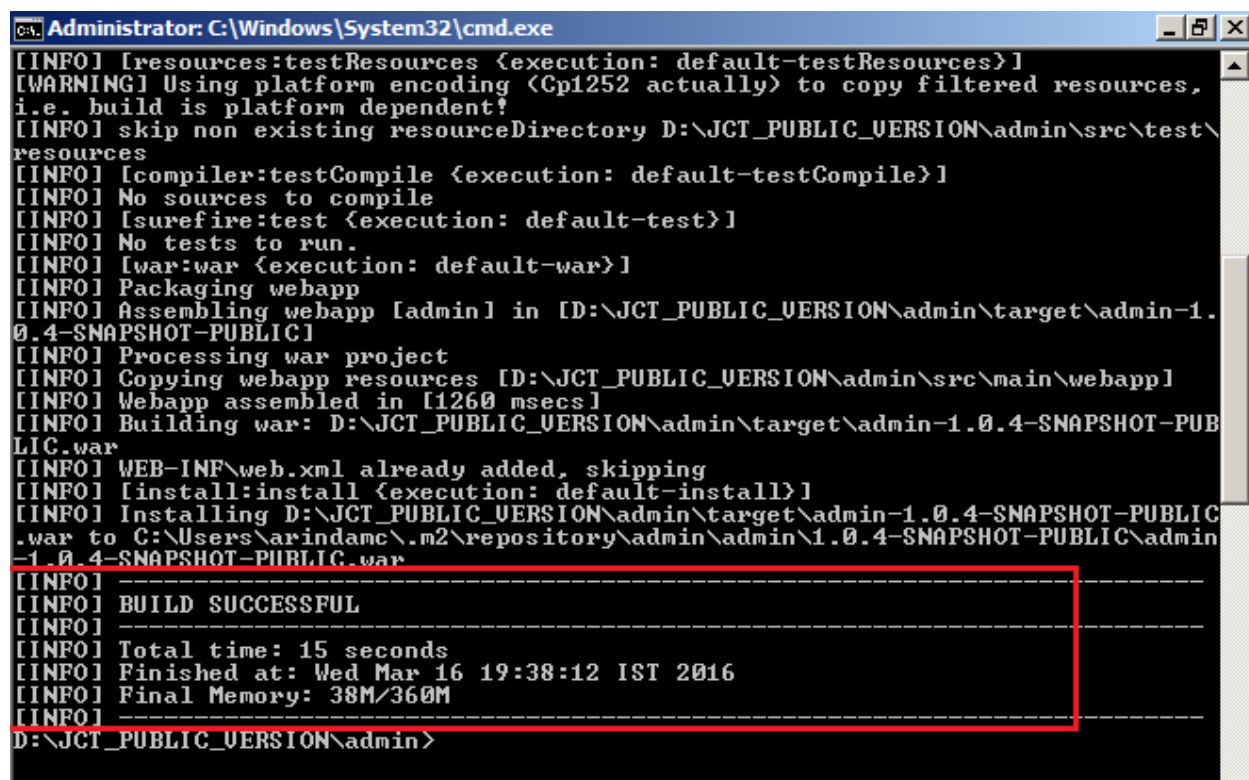
```
Administrator: C:\Windows\System32\cmd.exe

D:\JCT_PUBLIC_VERSION\admin>
```

4. Execute the command with **Enter** key to start the build process as follow*****:

```
Administrator: C:\Windows\System32\cmd.exe

D:\JCT_PUBLIC_VERSION\admin>mvn clean install
```

5. After successfully completion of the building process following messages will be shown on the command window:
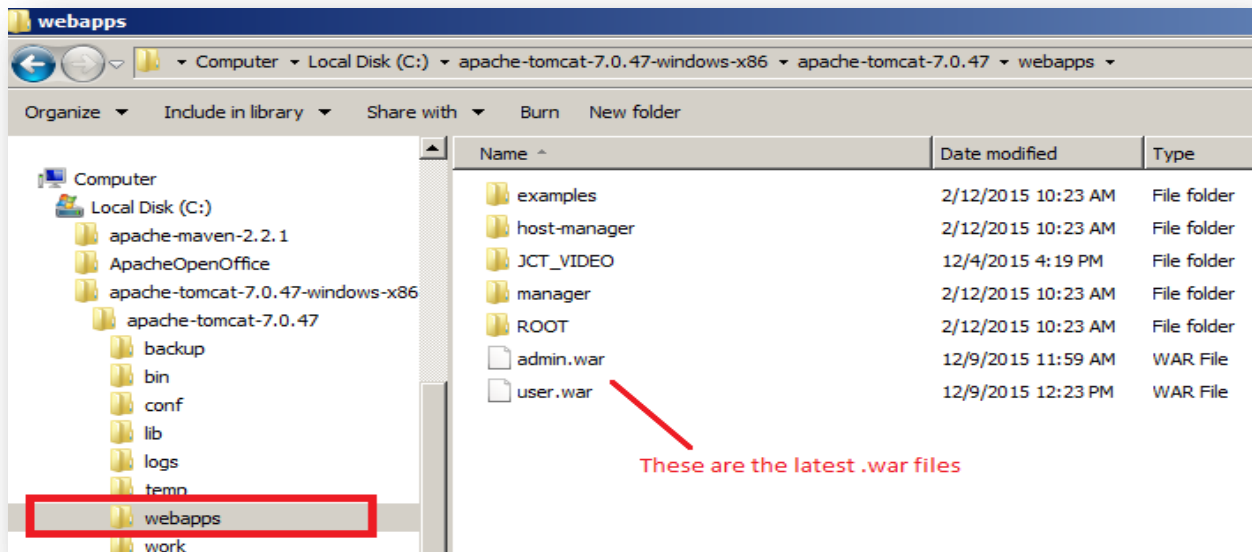
```
Administrator: C:\Windows\System32\cmd.exe

[INFO] [resources:testResources {execution: default-testResources}]
[WARNING] Using platform encoding (Cp1252 actually) to copy filtered resources,
i.e. build is platform dependent!
[INFO] skip non existing resourceDirectory D:\JCT_PUBLIC_VERSION\admin\src\test\
resources
[INFO] [compiler:testCompile {execution: default-testCompile}]
[INFO] No sources to compile
[INFO] [surefire:test {execution: default-test}]
[INFO] No tests to run.
[INFO] [war:war {execution: default-war}]
[INFO] Packaging webapp
[INFO] Assembling webapp [admin] in [D:\JCT_PUBLIC_VERSION\admin\target\admin-1.
0.4-SNAPSHOT-PUBLIC]
[INFO] Processing war project
[INFO] Copying webapp resources [D:\JCT_PUBLIC_VERSION\admin\src\main\webapp]
[INFO] Webapp assembled in [1260 msecs]
[INFO] Building war: D:\JCT_PUBLIC_VERSION\admin\target\admin-1.0.4-SNAPSHOT-PUB
LIC.war
[INFO] WEB-INF\web.xml already added, skipping
[INFO] [install:install {execution: default-install}]
[INFO] Installing D:\JCT_PUBLIC_VERSION\admin\target\admin-1.0.4-SNAPSHOT-PUBLIC
.war to C:\Users\arindamc\.m2\repository\admin\admin\1.0.4-SNAPSHOT-PUBLIC\admin
-1.0.4-SNAPSHOT-PUBLIC.war
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESSFUL
[INFO] ------------------------------------------------------------------------
[INFO] Total time: 15 seconds
[INFO] Finished at: Wed Mar 16 19:38:12 IST 2016
[INFO] Final Memory: 38M/360M
[INFO] ------------------------------------------------------------------------
D:\JCT_PUBLIC_VERSION\admin>
```
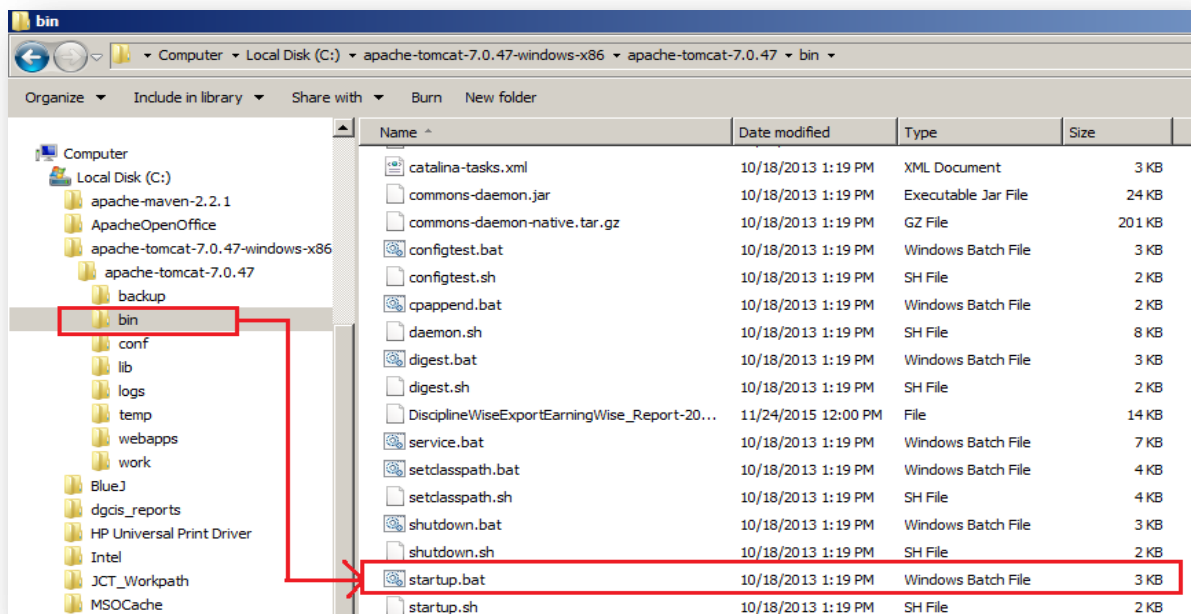
*-If error message line " mvn command is not recognized as an internal or external command" is showing, that means you have not installed maven in your system or your still haven't set the path of it to the Environment variable section. Fix the installation of maven, and try again.

How to run the server with latest build file(.war)

1. Copy the latest build file(.war) and paste it inside the **webapps** folder inside the Apache-Tomcat server folder.

2. Navigate to the **bin** folder inside the Apache-Tomcat server folder, and double click on the **startup.bat** file to run the server.

3. The server will be started as you will be seen the screen as below:

```
Mar 16, 2016 2:22:18 PM org.apache.catalina.core.StandardContext startInternal
SEVERE: Error in resourceStart()
Mar 16, 2016 2:22:18 PM org.apache.catalina.core.StandardContext startInternal
SEVERE: Error getConfigured
Mar 16, 2016 2:22:18 PM org.apache.catalina.core.StandardContext startInternal
SEVERE: Context [/dgcis] startup failed due to previous errors
Mar 16, 2016 2:22:18 PM org.apache.catalina.startup.HostConfig deployWAR
INFO: Deploying web application archive C:\apache-tomcat-7.0.47-windows-x86\apac
he-tomcat-7.0.47\webapps\admin.war
Mar 16, 2016 2:22:24 PM org.apache.tomcat.websocket.server.WsSci onStartup
INFO: JSR 356 WebSocket (Java WebSocket 1.0) support is not available when runni
ng on Java 6. To suppress this message, run Tomcat on Java 7, remove the WebSock
et JARs from $CATALINA_HOME/lib or add the WebSocketJARs to the tomcat.util.scan
.DefaultJarScanner.jarsToSkip property in $CATALINA_BASE/conf/catalina.propertie
s. Note that the deprecated Tomcat 7 WebSocket API will be available.
Mar 16, 2016 2:22:34 PM org.apache.catalina.startup.HostConfig deployWAR
INFO: Deploying web application archive C:\apache-tomcat-7.0.47-windows-x86\apac
he-tomcat-7.0.47\webapps\user.war
Mar 16, 2016 2:22:43 PM org.apache.catalina.startup.HostConfig deployDirectory
INFO: Deploying web application directory C:\apache-tomcat-7.0.47-windows-x86\ap
ache-tomcat-7.0.47\webapps\examples
Mar 16, 2016 2:22:43 PM org.apache.catalina.startup.HostConfig deployDirectory
INFO: Deploying web application directory C:\apache-tomcat-7.0.47-windows-x86\ap
ache-tomcat-7.0.47\webapps\host-manager
Mar 16, 2016 2:22:43 PM org.apache.catalina.startup.HostConfig deployDirectory
INFO: Deploying web application directory C:\apache-tomcat-7.0.47-windows-x86\ap
ache-tomcat-7.0.47\webapps\JCT_VIDEO
Mar 16, 2016 2:22:43 PM org.apache.catalina.startup.HostConfig deployDirectory
INFO: Deploying web application directory C:\apache-tomcat-7.0.47-windows-x86\ap
ache-tomcat-7.0.47\webapps\manager
Mar 16, 2016 2:22:43 PM org.apache.catalina.startup.HostConfig deployDirectory
INFO: Deploying web application directory C:\apache-tomcat-7.0.47-windows-x86\ap
ache-tomcat-7.0.47\webapps\ROOT
Mar 16, 2016 2:22:43 PM org.apache.coyote.AbstractProtocol start
INFO: Starting ProtocolHandler ["http-bio-1345"]
Mar 16, 2016 2:22:43 PM org.apache.coyote.AbstractProtocol start
INFO: Starting ProtocolHandler ["ajp-bio-8888"]
Mar 16, 2016 2:22:43 PM org.apache.catalina.startup.Catalina start
INFO: Server startup in 26013 ms
```