Convert Java Project Built in Maven Framework to Executable Windows Application

If you want to convert your Java project built **in** maven to Windows **executable(.exe)** application, you should add following plugins into pom.xml file:

```xml
<plugin>
        <groupId>org.apache.maven.plugins</groupId>
        <artifactId>maven-shade-plugin</artifactId>
        <version>1.7.1</version>
        <executions>
            <execution>
                <phase>package</phase>
                <goals>
                    <goal>shade</goal>
                </goals>
            </execution>
        </executions>
        <configuration>
            <shadedArtifactAttached>true</shadedArtifactAttached>
            <shadedClassifierName>shaded</shadedClassifierName>
            <transformers>
                <transformer
                        implementation="org.apache.maven.plugins.shade.resource.ManifestResourceTransformer">
                    <mainClass>com.example.Main</mainClass>
                </transformer>
            </transformers>
        </configuration>
</plugin>
<plugin>
        <groupId>com.akathist.maven.plugins.launch4j</groupId>
        <artifactId>launch4j-maven-plugin</artifactId>
        <version>1.5.1</version>
        <executions>
            <execution>
                <id>l4j-clui</id>
                <phase>package</phase>
                <goals>
                    <goal>launch4j</goal>
                </goals>
                <configuration>
                    <headerType>gui</headerType>
                    <jar>${project.build.directory}/${artifactId}-${version}-shaded.jar</jar>
                    <outfile>${project.build.directory}/${artifactId}.exe</outfile>
                    <downloadUrl>http://java.com/download</downloadUrl>
                    <classPath>
                        <mainClass>com.example.Main</mainClass>
                    </classPath>
                    <icon>src/main/resources/exe.ico</icon>
                    <jre>
                        <minVersion>1.6.0</minVersion>
                        <jdkPreference>preferJre</jdkPreference>
                    </jre>
                    <versionInfo>
                        <fileVersion>1.0.0.0</fileVersion>
                        <txtFileVersion>${project.version}</txtFileVersion>
                        <fileDescription>${project.name}</fileDescription>
                        <copyright>2012 hasCode.com</copyright>
                        <productVersion>1.0.0.0</productVersion>
                        <txtProductVersion>1.0.0.0</txtProductVersion>
                        <productName>${project.name}</productName>
                        <companyName>hasCode.com</companyName>
                        <internalName>hasCode</internalName>
                        <originalFilename>hasCode.exe</originalFilename>
                    </versionInfo>
                </configuration>
            </execution>
        </executions>
</plugin>
```

NOTE: If you have some Unicode letter problems, then you can easily overcome by copying following statements into pom.xml file:

```xml
<properties>
<project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
</properties>
```