Production.Build.Run

68.2 Packaging Executable Jar and War Files

Due to the fact that Spring for building application uses Maven, you should configure your project to build a jar or war (as appropriate) by using the usual packaging element, as shown in the following example:

```
cat /{path/to/project/directory}/pom.xml
```

```
<?xml version="1.0" encoding="UTF-8"?>
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
     xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">
     ...
     <groupId>dwfe</groupId>
     <artifactId>api</artifactId>
     <version>0.0.1</version>
     <packaging>jar</packaging>
     <name>nevis-backend</name>
     ...
</project>
```

When you build directly, note that DWFE App uses the Maven profile system. Therefore, when building, you must explicitly specify the Production profile:

ATTENTION. You must define your own app properties ***before*** you build your application

```
cd /{path/to/project/directory}
mvn package -P production -Dmaven.test.skip=true
```

```
[INFO] Scanning for projects...
[INFO]
[INFO] ------------------------------------------------------------------------
[INFO] Building nevis-backend 0.0.1
[INFO] ------------------------------------------------------------------------
...
[INFO] --- maven-jar-plugin:3.0.2:jar (default-jar) @ api ---
[INFO] Building jar: /Users/zoomall/IdeaProjects/nevis-backend/target/api-0.0.1.jar
[INFO]
[INFO] --- spring-boot-maven-plugin:2.0.4.RELEASE:repackage (default) @ api ---
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time: 0.881 s
[INFO] Finished at: 2018-09-01T23:27:03+03:00
[INFO] Final Memory: 25M/94M
[INFO] ------------------------------------------------------------------------
```

Now, to run the application, you can type the following:

```
java -jar /{path/to/App/directory}/api-0.0.1.jar
```

```
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 :: Spring Boot ::        (v2.0.4.RELEASE)
...
...
...
```