

Title: SpringBoot: Unable to find a single main class from the following candidates

Post Body:

I've generated a Spring Boot web application using Spring Initializer, embedded Tomcat, Thymeleaf template engine. Technologies used: Spring Boot 1.4.2.RELEASE, Spring 4.3.4.RELEASE, Thymeleaf 2.1.5.RELEASE, Tomcat Embed 8.5.6, Maven 3, Java 8

I have an SpringBoot app. with these 2 classes:

```
@Profile('!war') @SpringBootApplication @Import({SecurityConfig.class ,PersistenceConfig.class, ServiceConfig.class}) public class ...
```

I generate the war with this command

```
mvn clean package -DskipTests -Dspring.profiles.active=pebloc,war -DAPP-KEY=pebloc
```

But I got this error:

```
[ERROR] Failed to execute goal org.springframework.boot:spring-boot-maven-plugin:1.5.2.RELEASE:repackage (default) on project ...
```

Accepted Answer:

If you have more than one main class, you need to explicitly [configure the main class](#) in each profile:

```
<profiles>
  <profile>
    <id>profile1</id>
    <properties>
      <spring.boot.mainclass>com.SomeClass</spring.boot.mainclass>
    </properties>
  </profile>
</profiles>
```

...

```
<plugin>
  <groupId>org.springframework.boot</groupId>
  <artifactId>spring-boot-maven-plugin</artifactId>
  <version>1.5.2.RELEASE</version>
</plugin>
```

See [spring-boot:repackage](#)

Highest Rated Answer:

Define single main class via start-class property

```
<properties>
  <start-class>com.may.Application</start-class>
</properties>
```

Alternatively, define the main class in the spring-boot-maven-plugin

```
<build>
  <plugins>
    <plugin>
      <groupId>org.springframework.boot</groupId>
      <artifactId>spring-boot-maven-plugin</artifactId>
      <configuration>
        <mainClass>com.may.Application</mainClass>
      </configuration>
    </plugin>
  </plugins>
</build>
```

Or via profiles

```
<profiles>
  <profile>
    <id>profile1</id>
    <properties>
      <spring.boot.mainclass>com.may.Application</spring.boot.mainclass>
    </properties>
  </profile>
</profiles>
```