

Title: Configure active profile in SpringBoot via Maven

Post Body:

I'm trying to set an active profile in Spring Boot application using Maven 3.

In my pom.xml I set **default active profile** and property **spring.profiles.active** to **development**:

```
<profiles>
  <profile>
    <id>development</id>
    <properties>
      <spring.profiles.active>development</spring.profiles.active>
    </properties>
  </profile>
</profiles>
```

but every time I run my application, I receive the following message in logs:

```
No active profile set, falling back to default profiles: default
```

and the SpringBoot profile is set to default (reads application.properties instead application-development.properties)

What else should I do to have my SpringBoot active profile set using Maven profile?

Any help highly appreciated.

Accepted Answer:

The Maven profile and the Spring profile are two completely different things. Your pom.xml defines `spring.profiles.active` variable which is available in the build process, but not at runtime. That is why only the default profile is activated.

### How to bind Maven profile with Spring?

You need to pass the build variable to your application so that it is available when it is started.

Define a placeholder in your `application.properties`:

```
spring.profiles.active=@spring.profiles.active@
```

The `@spring.profiles.active@` variable must match the declared property from the Maven profile.

Enable resource filtering in you pom.xml:

```
<build>
  <resources>
    <resource>
      <directory>src/main/resources</directory>
      <filtering>true</filtering>
    </resource>
  </resources>
</build>
```

When the build is executed, all files in the `src/main/resources` directory will be processed by Maven and the placeholder in your `application.properties` will be replaced with the variable you defined in your Maven profile.

For more details you can [go to my post](#) where I described this use case.

Highest Rated Answer:

Or rather easily:

```
mvn spring-boot:run -Dspring-boot.run.profiles={profile_name}
```