

Maven and Spring Profile Connectivity

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as mentioned by @Abhishek.Mondal1@mtn.com spring profile config for deployment.

AC-58: Create a spring and maven profiler **DONE**

Solution Approach:

create a spring profiler through **application.yaml** file and control that from **maven profile**.

Maven Profiler

```
1 logging:
2   level:
3     org:
4       springframework:
5         web: TRACE
6 spring:
7   profiles: dev
8   application:
9     name: mtnBackendConnectorUserProfile
10 server:
11   servlet:
12     context-path: /user
13   port: '8081'
14
15 ---
16
17 spring:
18   profiles: prod
19   application:
20     name: mtnBackendConnectorUserProfile
21 server:
22   servlet:
23     context-path: /user
24   port: '8081'
25
26
```

spring profiler.

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
3   xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 https://maven.apache.org/xsd/maven-4.0.0.xsd">
4   <modelVersion>4.0.0</modelVersion>
5   <parent>
6     <groupId>org.springframework.boot</groupId>
7     <artifactId>spring-boot-starter-parent</artifactId>
```

```
8     <version>3.3.1</version>
9     <relativePath/> <!-- lookup parent from repository -->
10 </parent>
11 <groupId>com.mtn.publicConnector.backend</groupId>
12     <artifactId>mtnConnectorUserProfile</artifactId>
13     <version>0.0.1-SNAPSHOT</version>
14     <name>mtnConnectorUserProfile</name>
15 <description>Demo project for Spring Boot</description>
16 <profiles>
17     <profile>
18         <id>dev</id>
19         <properties>
20             <activatedProperties>dev</activatedProperties>
21         </properties>
22     </profile>
23     <profile>
24         <id>prod</id>
25         <properties>
26             <activatedProperties>prod</activatedProperties>
27         </properties>
28     </profile>
29 </profiles>
30 <dependencies>
31     <dependency>
32         <groupId>org.springframework.boot</groupId>
33         <artifactId>spring-boot-starter</artifactId>
34     </dependency>
35     <dependency>
36         <groupId>org.springframework.boot</groupId>
37         <artifactId>spring-boot-starter-web</artifactId>
38     </dependency>
39     <dependency>
40         <groupId>com.mtn.publicConnector.backend</groupId>
41         <artifactId>mtnConnectorTemplate</artifactId>
42         <version>0.0.1-SNAPSHOT</version>
43     </dependency>
44     <dependency>
45         <groupId>org.modelmapper</groupId>
46         <artifactId>modelmapper</artifactId>
47         <version>3.2.0</version>
48     </dependency>
49     <dependency>
50         <groupId>org.springdoc</groupId>
51         <artifactId>springdoc-openapi-starter-webmvc-ui</artifactId>
52         <version>2.0.3</version>
53     </dependency>
54     <dependency>
55         <groupId>com.mtn.publicConnector.bean</groupId>
56         <artifactId>mtnCommonBean</artifactId>
57         <version>0.0.1-SNAPSHOT</version>
58     </dependency>
59     <dependency>
60         <groupId>org.springframework.boot</groupId>
61         <artifactId>spring-boot-starter-test</artifactId>
62         <scope>test</scope>
63     </dependency>
64     <dependency>
65         <groupId>org.projectlombok</groupId>
```

```

66         <artifactId>lombok</artifactId>
67         <optional>true</optional>
68     </dependency>
69 </dependencies>
70
71 <build>
72     <resources>
73         <resource>
74             <directory>src/main/resources</directory>
75             <filtering>true</filtering>
76         </resource>
77     </resources>
78     <plugins>
79         <plugin>
80             <groupId>org.apache.maven.plugins</groupId>
81             <artifactId>maven-jar-plugin</artifactId>
82             <configuration>
83                 <archive>
84                     <manifest>
85                         <addClasspath>true</addClasspath>
86                     </manifest>
87                 </archive>
88             </configuration>
89         </plugin>
90         <plugin>
91             <groupId>org.apache.maven.plugins</groupId>
92             <artifactId>maven-checkstyle-plugin</artifactId>
93             <version>3.4.0</version>
94             <executions>
95                 <execution>
96                     <id>validate</id>
97                     <phase>verify</phase>
98                     <goals>
99                         <goal>check</goal>
100                     </goals>
101                 </execution>
102             </executions>
103             <configuration>
104                 <configLocation>${basedir}/src/main/resources/checkstyle/checkstyle.xml</configLocation>
105
106                 <suppressionsLocation>${basedir}/src/main/resources/checkstyle/suppression.xml</suppressionsLocation>
107                 <consoleOutput>true</consoleOutput>
108                 <failsOnError>>false</failsOnError>
109                 <linkXRef>>false</linkXRef>
110                 <failOnViolation>>false</failOnViolation>
111                 <includeTestSourceDirectory>>false</includeTestSourceDirectory>
112                 <logViolationsToConsole>true</logViolationsToConsole>
113             </configuration>
114             <dependencies>
115                 <dependency>
116                     <groupId>com.puppcrawl.tools</groupId>
117                     <artifactId>checkstyle</artifactId>
118                     <version>10.17.0</version>
119                 </dependency>
120             </dependencies>
121         </plugin>
122     </plugins>
123 </build>

```

```
123     <reporting>
124         <plugins>
125             <plugin>
126                 <groupId>org.apache.maven.plugins</groupId>
127                 <artifactId>maven-checkstyle-plugin</artifactId>
128                 <version>3.4.0</version>
129                 <configuration>
130                     <configLocation>${basedir}/src/main/resources/checkstyle/checkstyle.xml</configLocation>
131
132                 <suppressionsLocation>${basedir}/src/main/resources/checkstyle/suppression.xml</suppressionsLocation>
133                 <consoleOutput>true</consoleOutput>
134                 <failsOnError>false</failsOnError>
135                 <linkXRef>false</linkXRef>
136                 <failOnViolation>false</failOnViolation>
137                 <includeTestSourceDirectory>false</includeTestSourceDirectory>
138                 <logViolationsToConsole>true</logViolationsToConsole>
139             </plugin>
140         </plugins>
141     </reporting>
142 </project>
143
```

Latest Code:

 [indranb13/mtnCommonConnector](#)