

Add the following dependency and plugin to the pom.xml file:

```
<dependency>
  <groupId>com.github.ulisesbocchio</groupId>
  <artifactId>jasypt-spring-boot</artifactId>
  <version>3.0.5</version>
</dependency>

<plugin>
  <groupId>com.github.ulisesbocchio</groupId>
  <artifactId>jasypt-maven-plugin</artifactId>
  <version>3.0.5</version>
</plugin>
```

Open the terminal in IntelliJ (Alt+F12) and test Jasypt by encrypting/decrypting a simple example.

**To encrypt, use this command:**

```
mvn jasypt:encrypt-value "-Djasypt.encryptor.password=potato" "-Djasypt.plugin.value=1234"
```

Output:

```
ENC(xkI7yo8XqkY01wTXiItmwUlS+5dZxoE8ZoULboK7oB/N+70rWCIjsYQ99ZJkTRjZ)
```

**To decrypt, use this command:**

```
mvn jasypt:decrypt-value
"-Djasypt.encryptor.password=potato" "-Djasypt.plugin.value=xkI7yo8XqkY01wTXiItmwUlS+5dZxoE8ZoULboK7oB/N+70rWCIjsYQ99ZJkTRjZ"
```

Output:

```
1234
```

Assert we have application.yml of this form:

```
username: konstantinos
password: 123456
password_db: potato_password
```

To encrypt the password value, add DEC(yourvalue) to the password and password\_db fields in the application.yml file:

```
username: konstantinos
password: DEC(123456)
password_db: DEC(potato_password)
```

Finally, run the following command to encrypt the application.yml file:

```
mvn jasypt:encrypt "-Djasypt.encryptor.password=potato" "-Djasypt.plugin.path=file:src/main/resources/application.yml"
```

**Note that the above command works for the default path `src/main/resources/application.yml`.** If you have a custom path, you should specify it in the command.

The encrypted application.yml:

```
username: konstantinos
password: ENC(vANWHhTD7xlek30kAeJwEXgA9dTFW0ACny3mJCuaG1EHVU1TpG5yuxr4CrhPVCcw)
password_db: ENC(kO2e/nkNrZV6togcq5kI9H0/Koyz9EH9PiJk5+8b9yBBvzKPb1BIumaGAluL7Nf)
```

To decrypt the values to the application.yml , run the following command:

```
mvn jasypt:decrypt "-Djasypt.encryptor.password=potato" "-Djasypt.plugin.path=file:src/main/resources/application.yml"
```

Output:

```
username:    Konstantinos  
password:    DEC(123456)  
password_db: DEC(potato_password)
```

**If you successfully encrypt your passwords you must run your app with following command at the VM options:**

```
-Djasypt.encryptor.password=potato -  
Djasypt.plugin.path=file:src/main/resources/application.yml
```

Don't forget to add **@EnableEncryptableProperties** at your application.