Spring Cloud RSMortgage Config Repository

Udemy Exploring Spring Cloud Course
Presented By
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Rolling Stone Technology
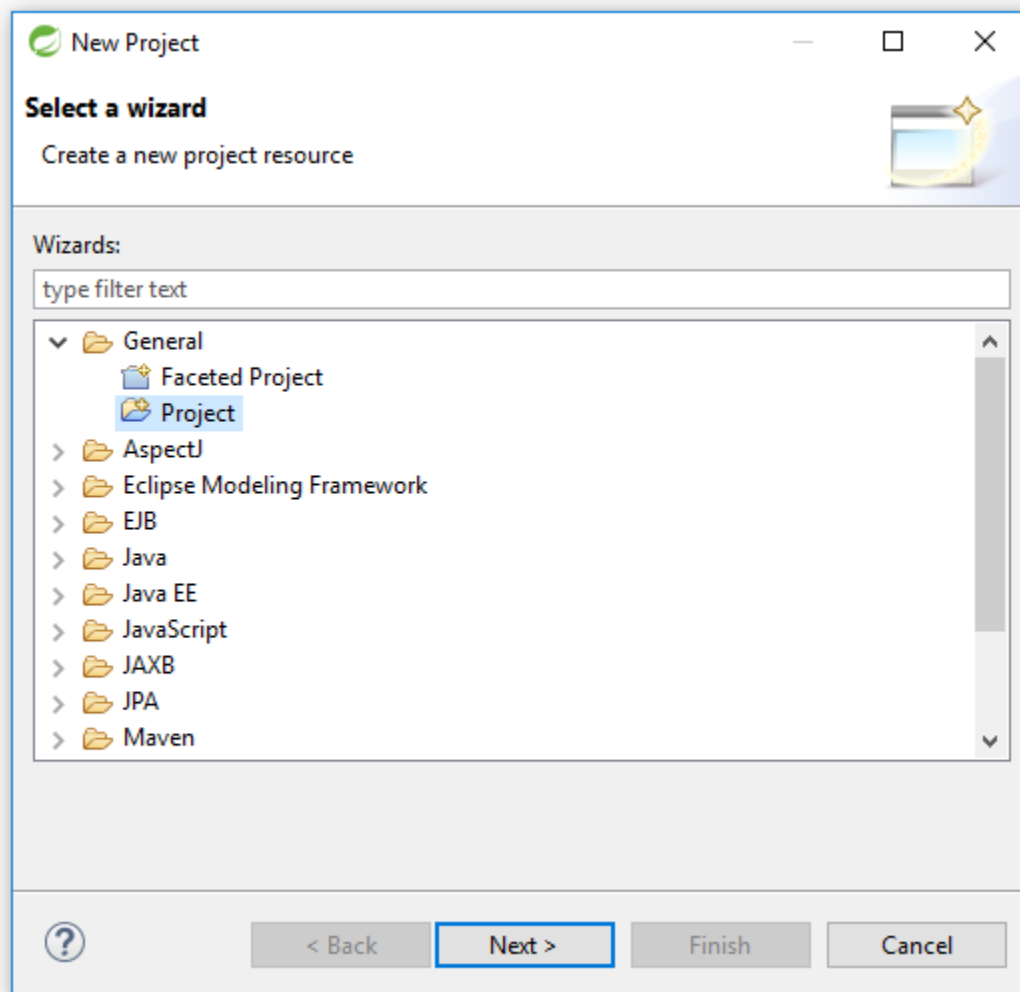
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Table of Content

Chapter 1
Spring Cloud RSMortgage Config Repository Project Creation

1.0 - Introduction

The following sections will lead us through creating the Spring Cloud Config Repository creation, one step at a time.

1.1 – Create a new Spring Starter Project

1.2 – Enter Name

New Project

Project

Create a new project resource.

Project name: udemy-rsmortgage-config-repository

☑ Use default location

Location: C:\AWS\RSMortgagePracticeWS\udemy-rsmortgage-config-   Browse...

Choose file system: default

Working sets

☐ Add project to working sets   New...

Working sets: Select...

< Back   Next >   **Finish**   Cancel

1.3 – Do not select any project references

New Project

Project References

Select referenced projects.

Referenced projects:

☐ 📁 RemoteSystemsTempFiles
☐ 📁 Servers
☐ 📁 udemy-rsmortgage-customer-service [boot]

[< Back] [Next >] [Finish] [Cancel]
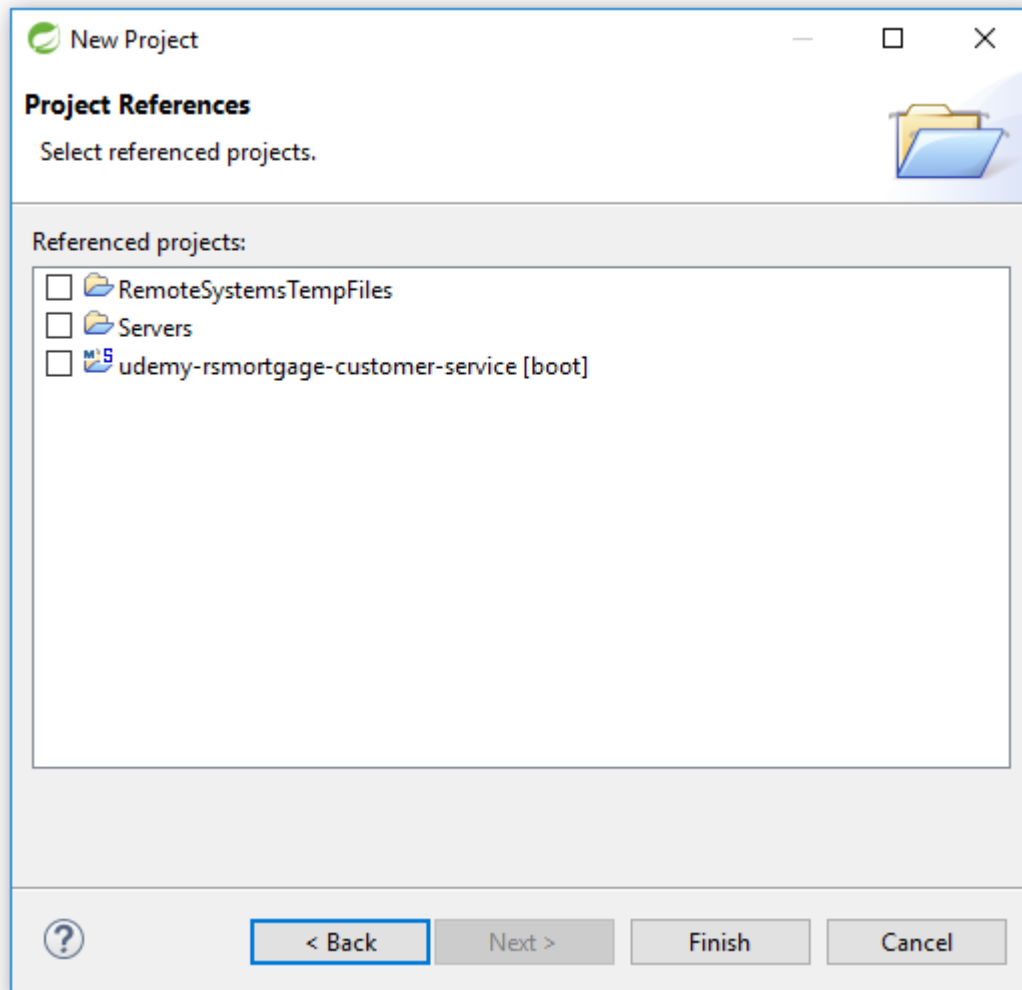
1.4—Project shown in Explorer
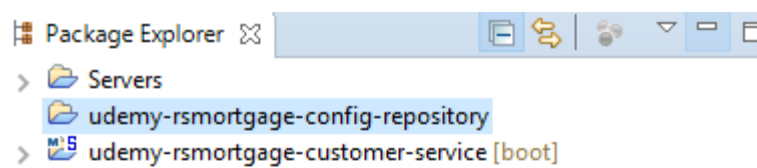
1.5 – Create New Folder
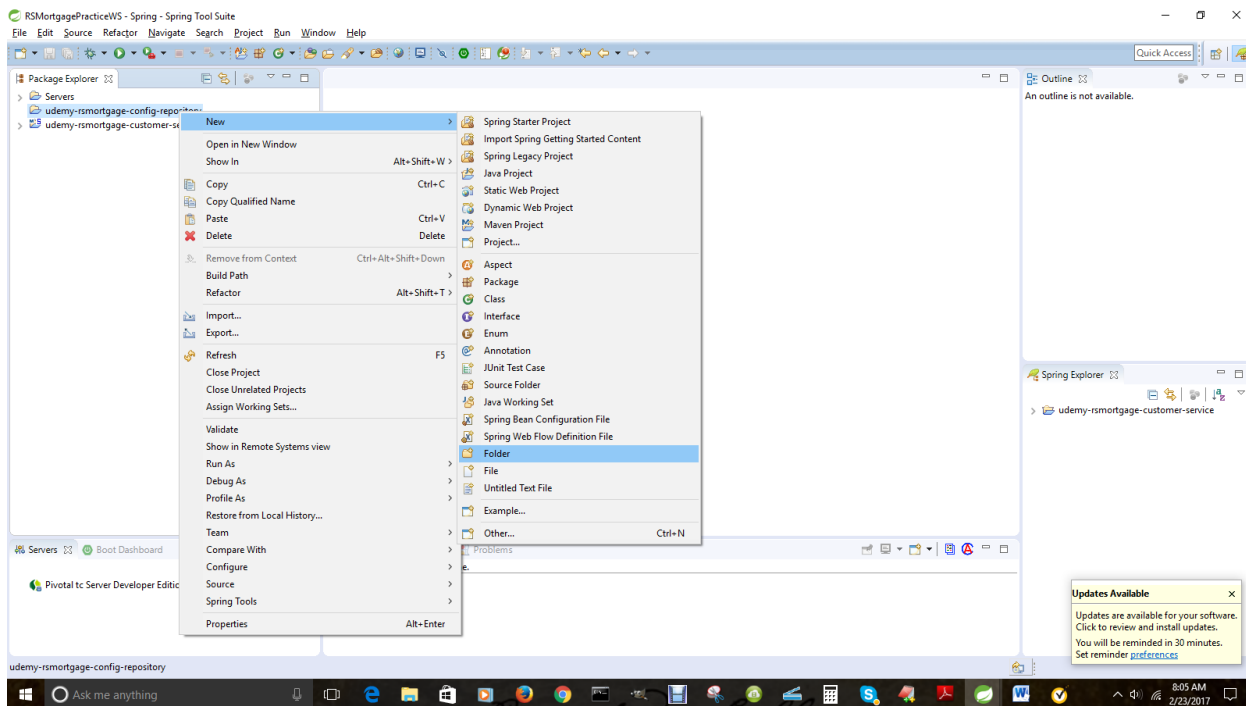
1.8 – Enter Folder Name

1.7 – Create dev profile yml file –

1.8 – Enter file name

New File

File
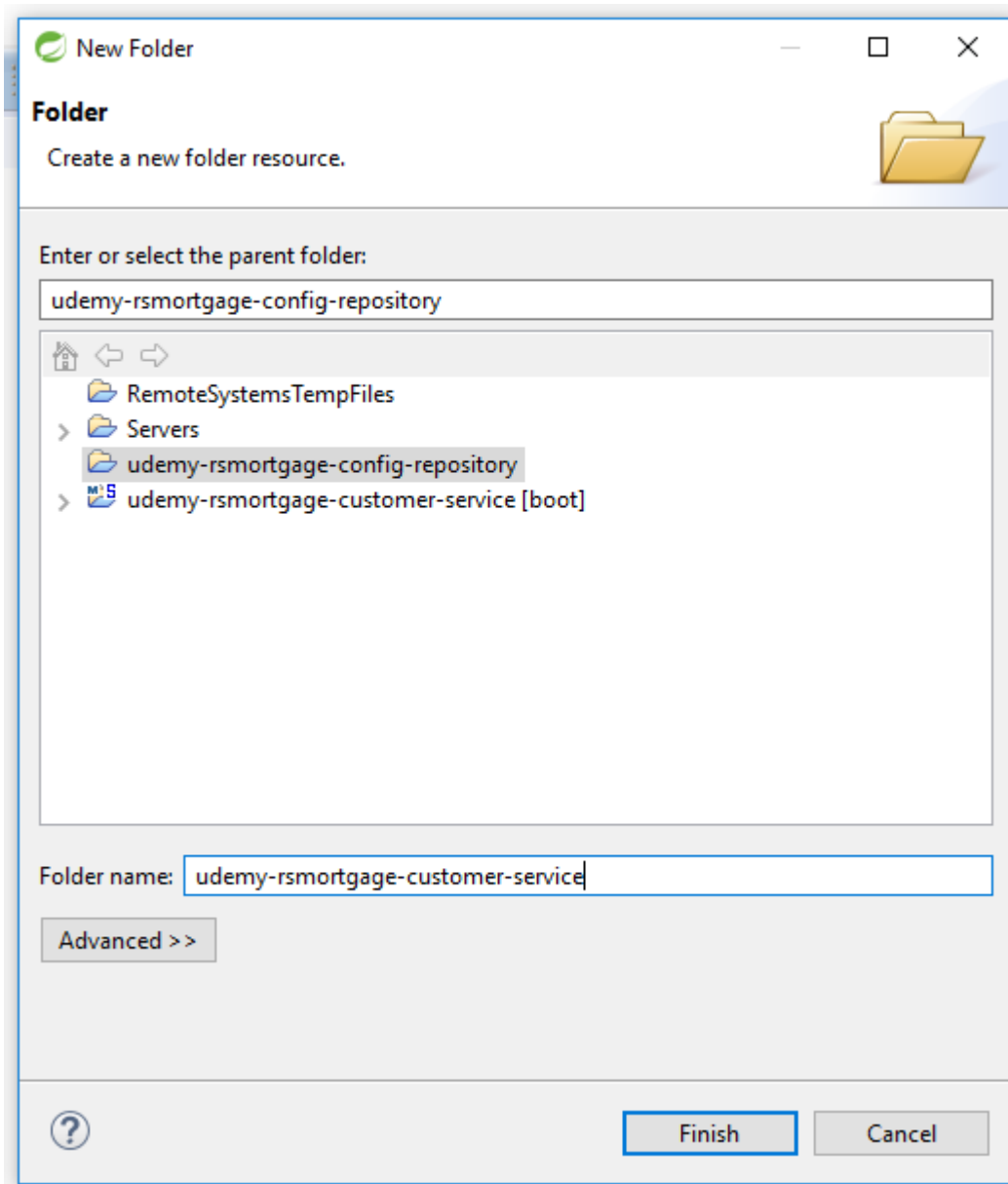Create a new file resource.

Enter or select the parent folder:

udemy-rsmortgage-config-repository/udemy-rsmortgage-customer-service

- RemoteSystemsTempFiles
- > Servers
- ∨ udemy-rsmortgage-config-repository
    - udemy-rsmortgage-customer-service
- > udemy-rsmortgage-customer-service [boot]

File name: udemy-rsmortgage-customer-service-mysql-dev.yml

Advanced >>

Finish   Cancel
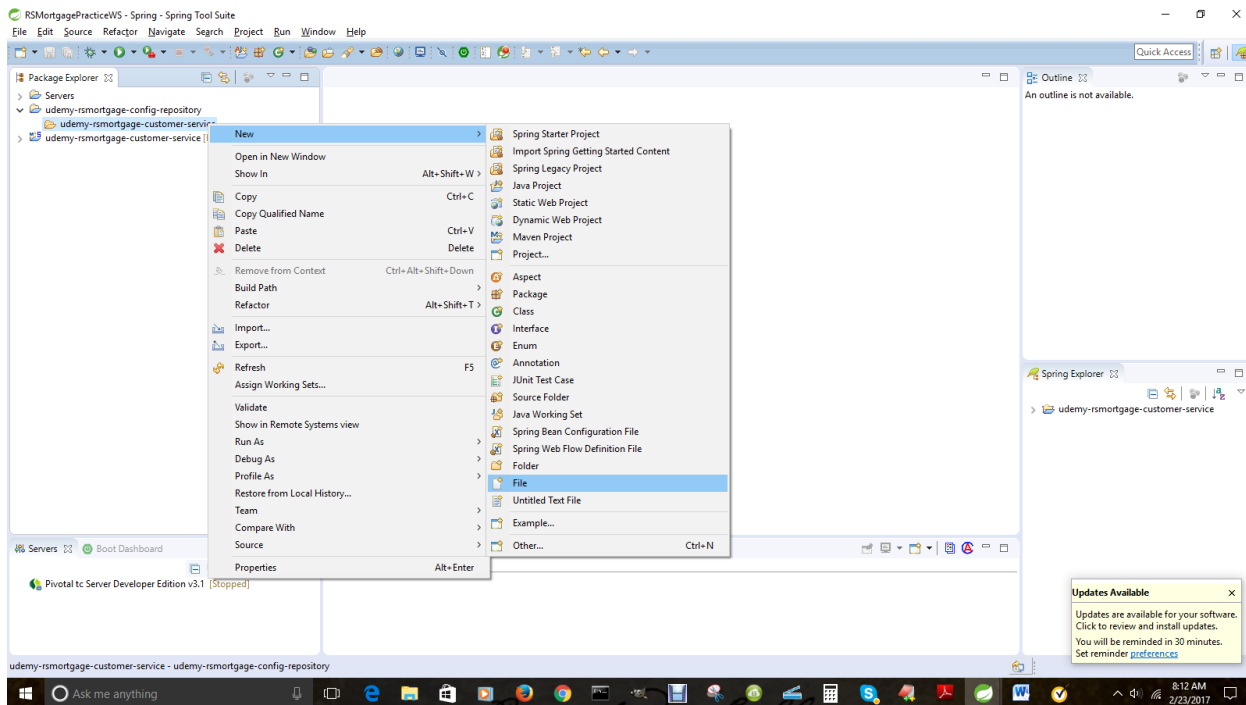
1.9 – Enter following text in the dev profile file

```
spring.jpa.database: "MYSQL"
spring.datasource.platform:  "mysql"
spring.jpa.show-sql: "true"
spring.database.driverClassName: "com.mysql.jdbc.Driver"
spring.datasource.url: "jdbc:mysql://localhost/rsmortgage"
spring.datasource.username: "root"
spring.datasource.password: "root"
spring.datasource.testWhileIdle: "true"
spring.datasource.validationQuery: "SELECT 1"
spring.jpa.properties.hibernate.dialect: "org.hibernate.dialect.MySQLInnoDBDialect"
```
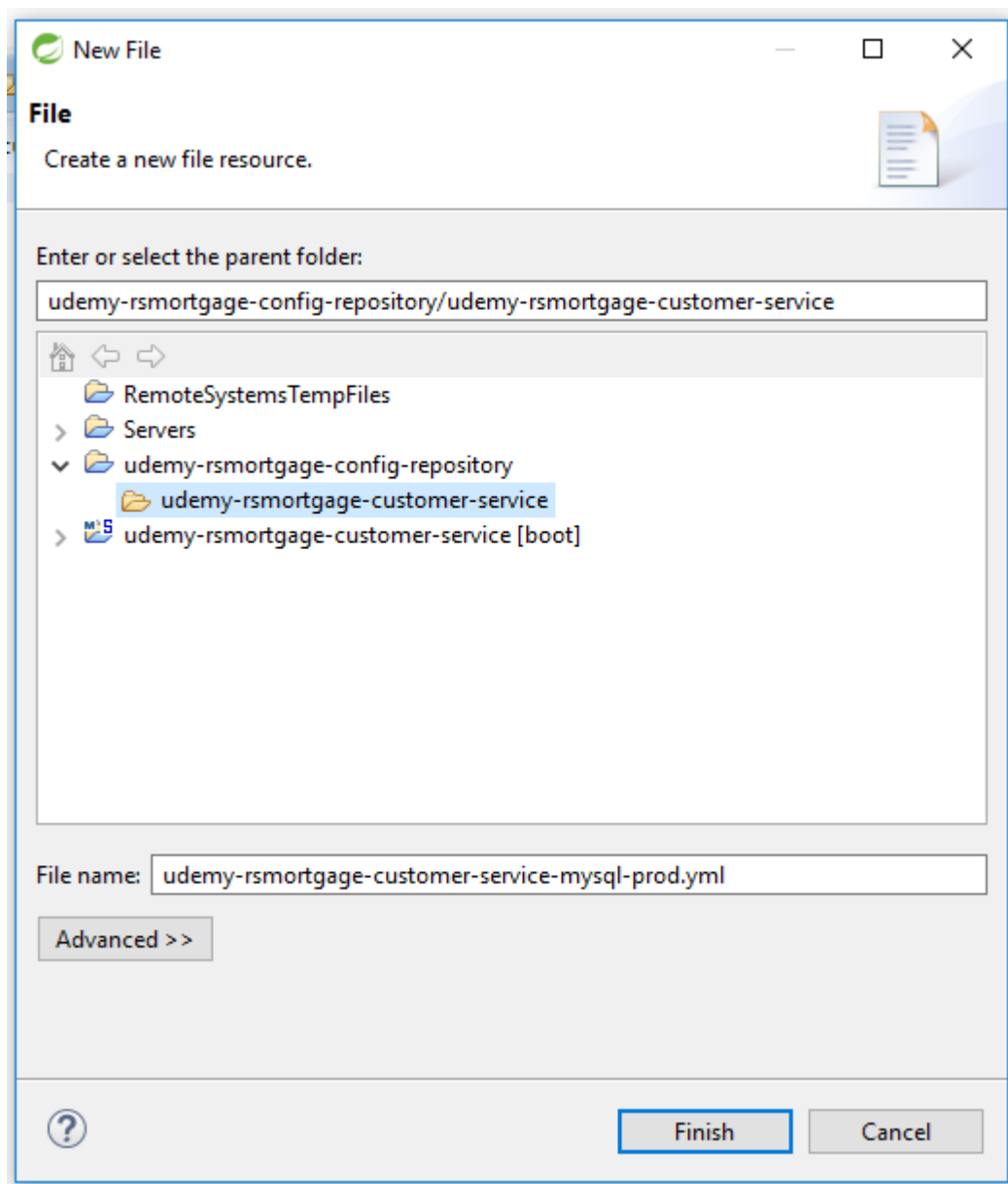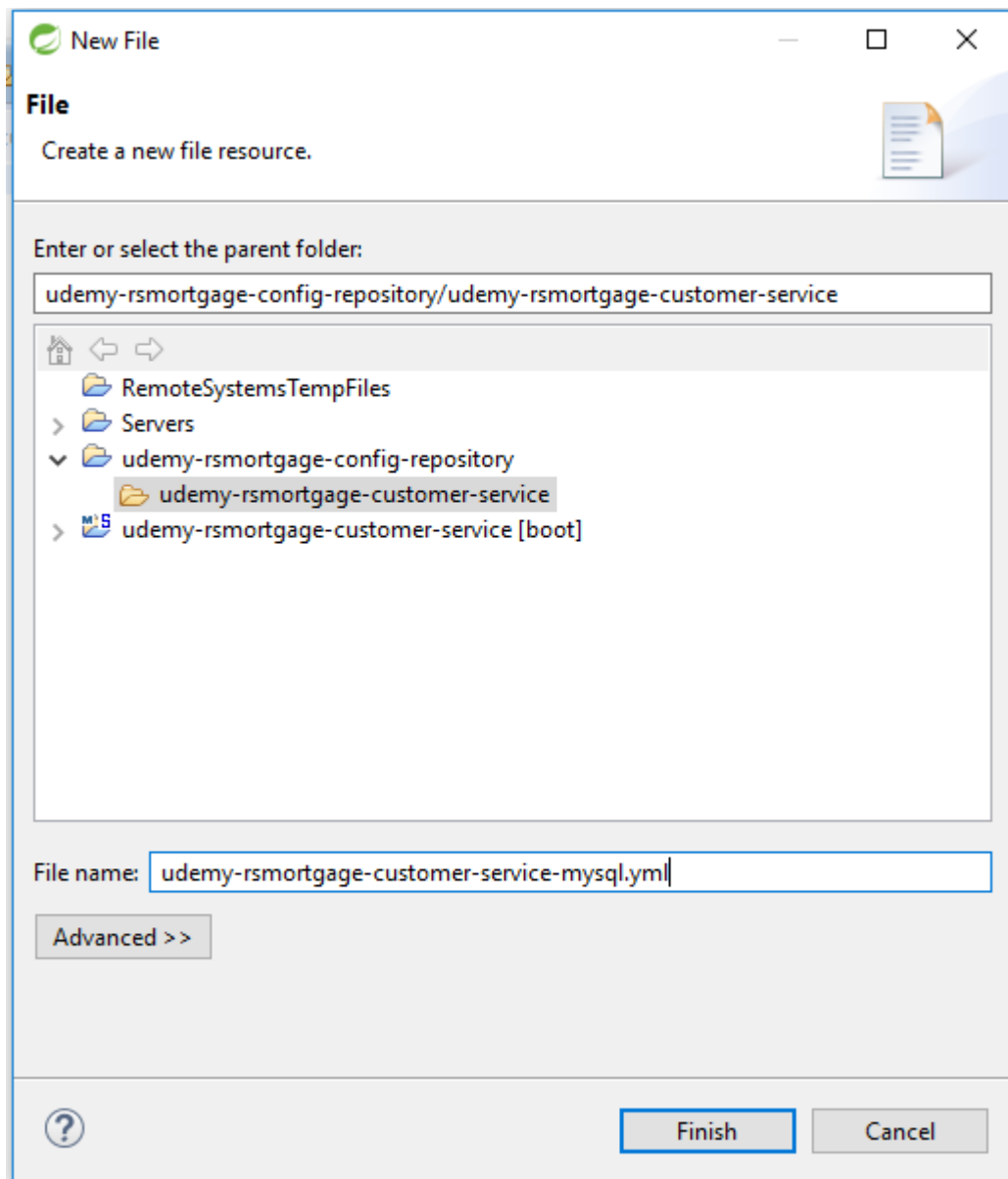
1.10 – Create Property File for Prod Profile

1.11 – Enter the following values in the prod property file

```
spring.jpa.database: "MYSQL"
spring.datasource.platform:  "mysql"
spring.jpa.show-sql: "true"
spring.database.driverClassName: "com.mysql.jdbc.Driver"
spring.datasource.url: "jdbc:mysql://localhost/rsmortgage"
spring.datasource.username: "root"
spring.datasource.password: "root"
spring.datasource.testWhileIdle: "true"
spring.datasource.validationQuery: "SELECT 1"
spring.jpa.properties.hibernate.dialect: "org.hibernate.dialect.MySQLInnoDBDialect"
```

1.12 – Create Property File for Default Profile

1.13 – Enter the following values in the default property file

```
spring.jpa.database: "MYSQL"
spring.datasource.platform:  "mysql"
spring.jpa.show-sql: "true"
spring.database.driverClassName: "com.mysql.jdbc.Driver"
spring.datasource.url: "jdbc:mysql://localhost/rsmortgage"
spring.datasource.username: "root"
spring.datasource.password: "root"
spring.datasource.testWhileIdle: "true"
spring.datasource.validationQuery: "SELECT 1"
spring.jpa.properties.hibernate.dialect: "org.hibernate.dialect.MySQLInnoDBDialect"
spring.jpa.properties.hibernate.ddl-auto: "update"
```

1.14 – Conclusion

This document listed the steps as well as provided the explanation of creating a Spring Boot application based on Spring Cloud Service Discovery as well as JPA.