



Lab RSMortgage Config Repository

Spring Cloud RSMortgage Config Repository

Udemy Exploring Spring Cloud Course
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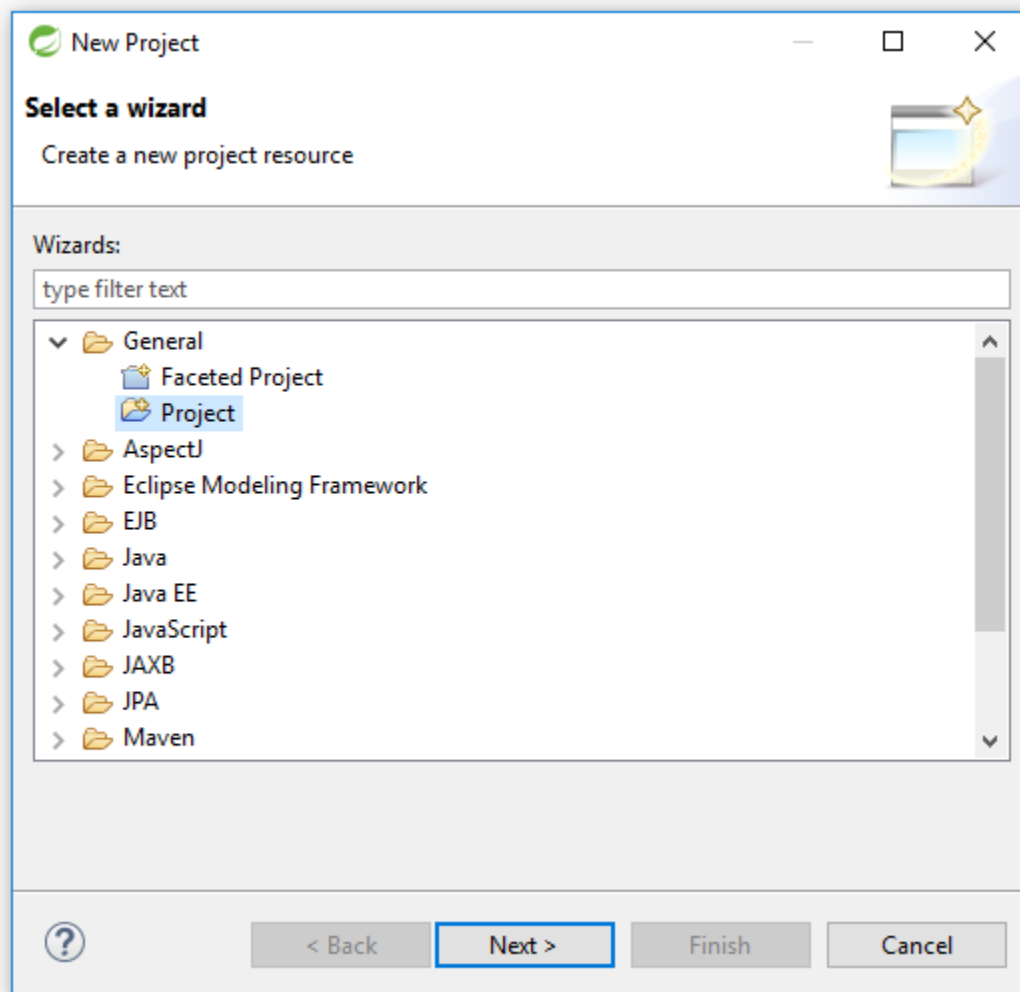
Chapter 1

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:

☒ Use default location

Location:

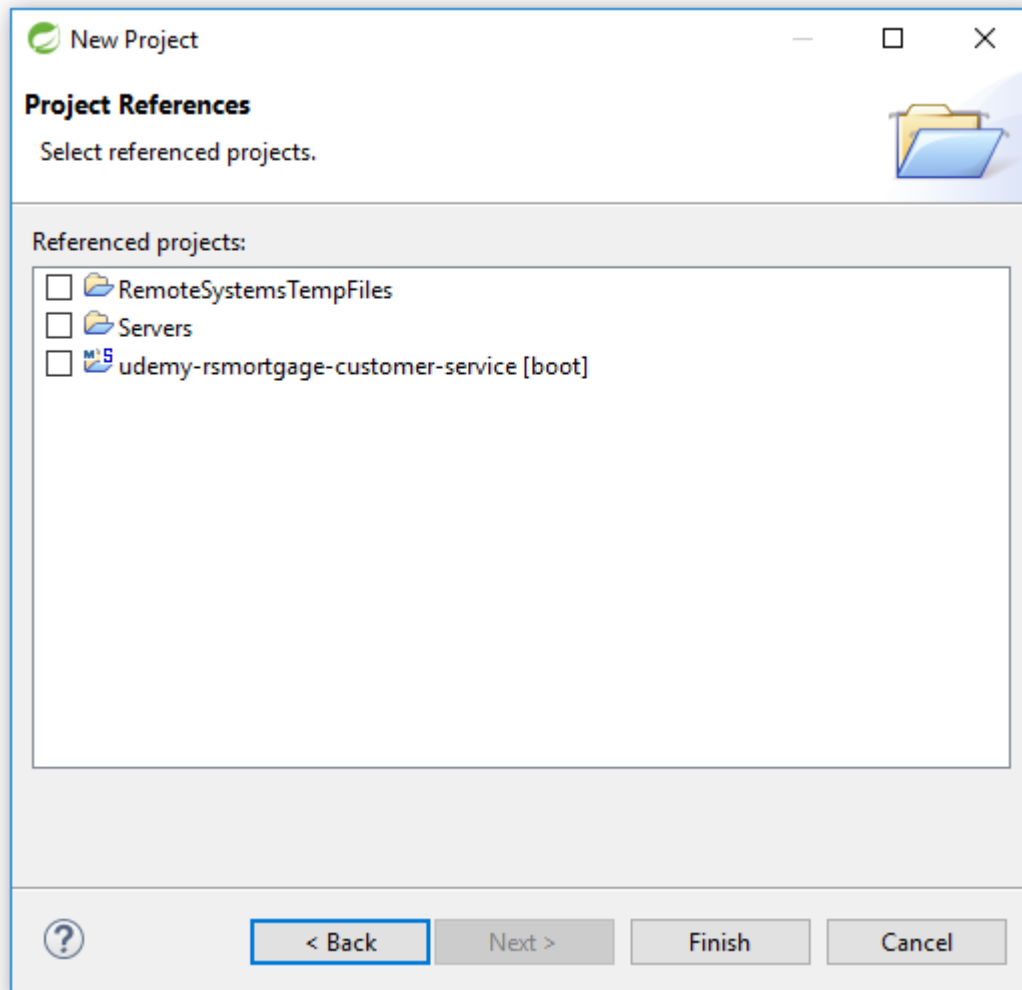
Choose file system: ▼

Working sets

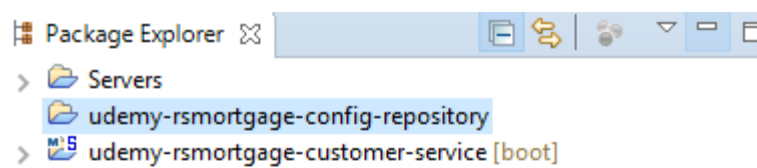
☐ Add project to working sets

Working sets: ▼

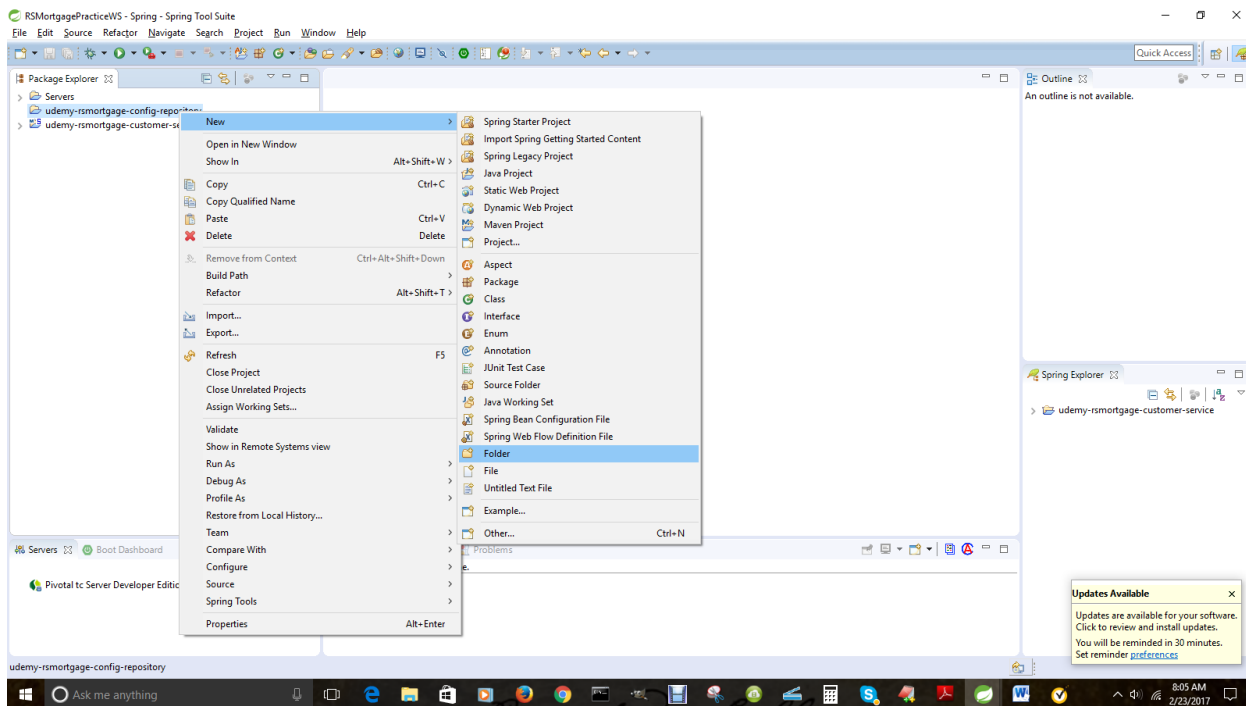
1.3 – Do not select any project references



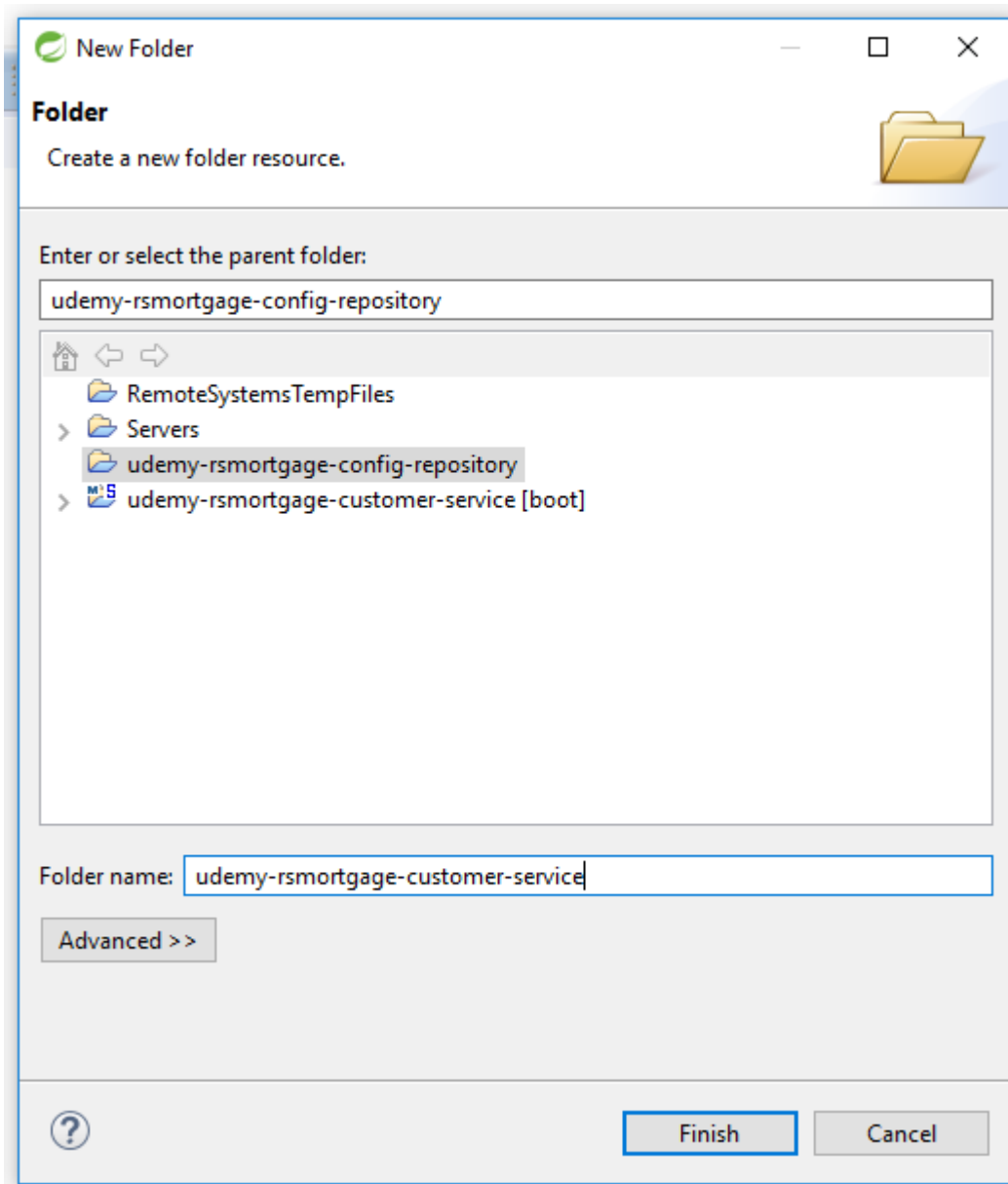
1.4—Project shown in Explorer



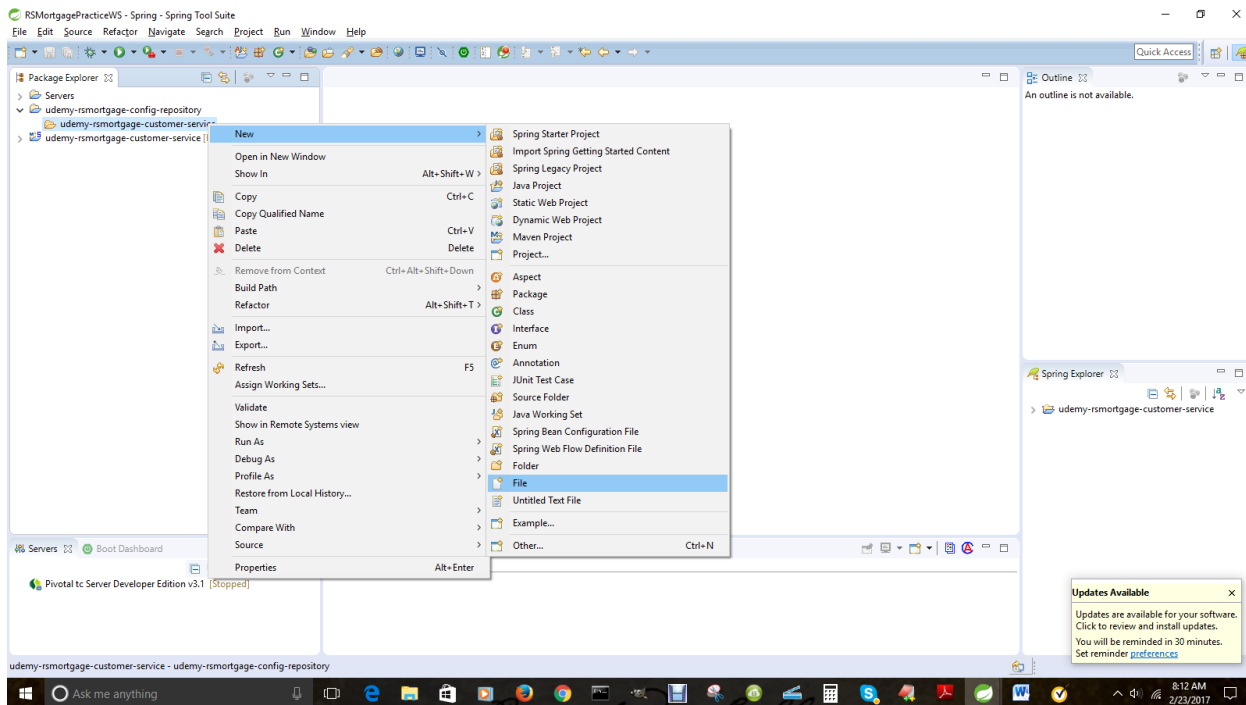
1.5 – Create New Folder



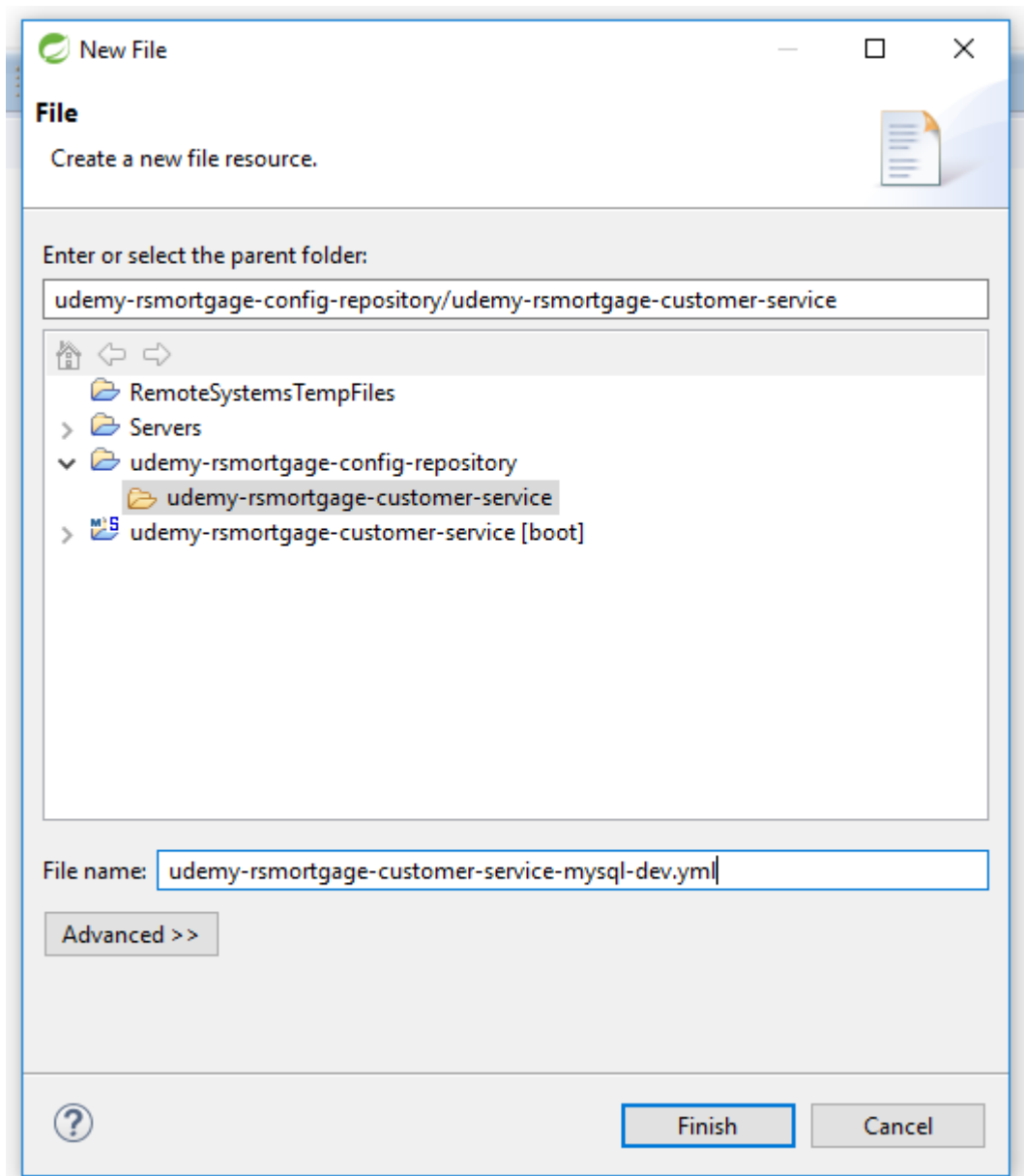
1.8 – Enter Folder Name



1.7 – Create dev profile yml file –



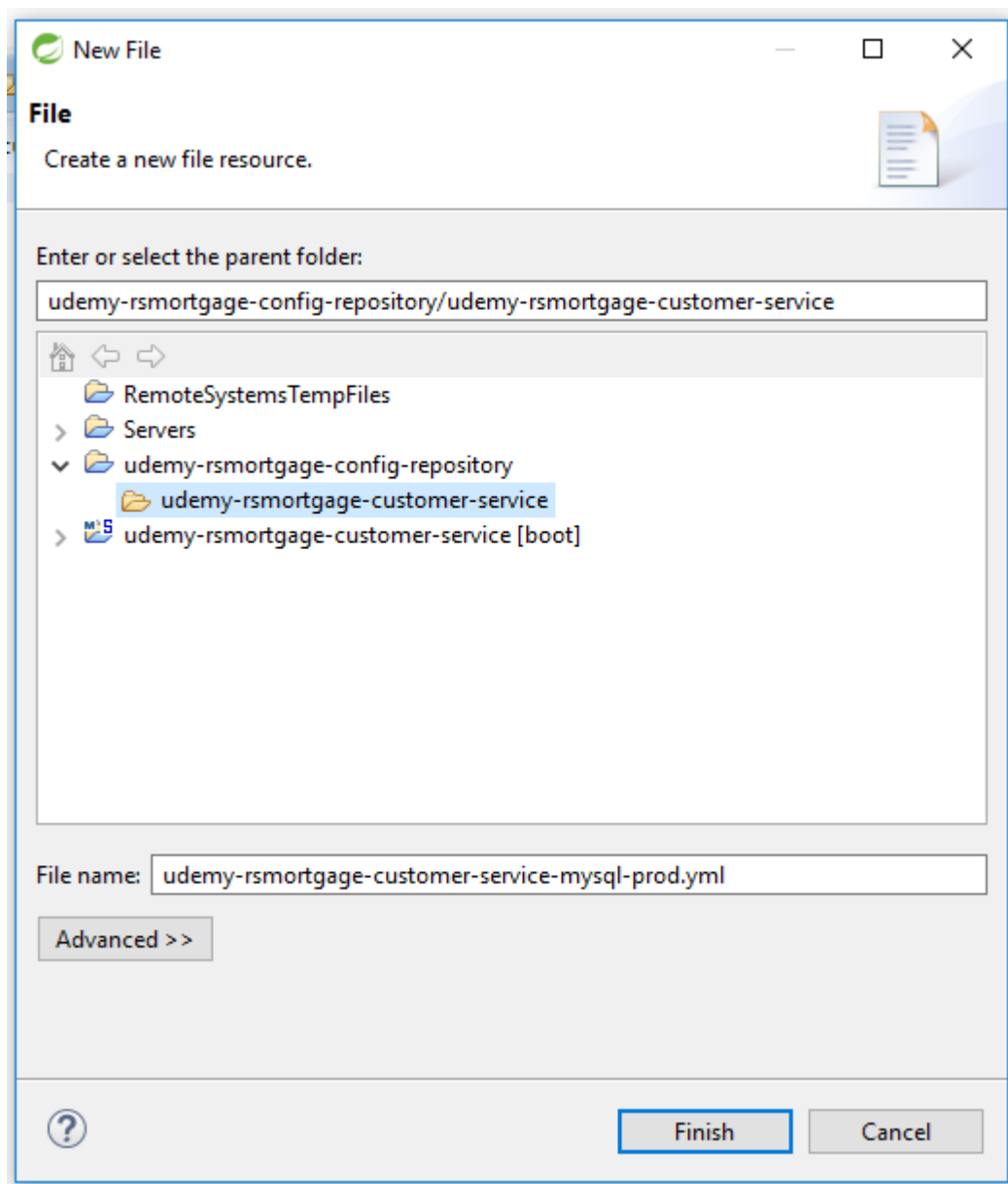
1.8 – Enter file name



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"
```

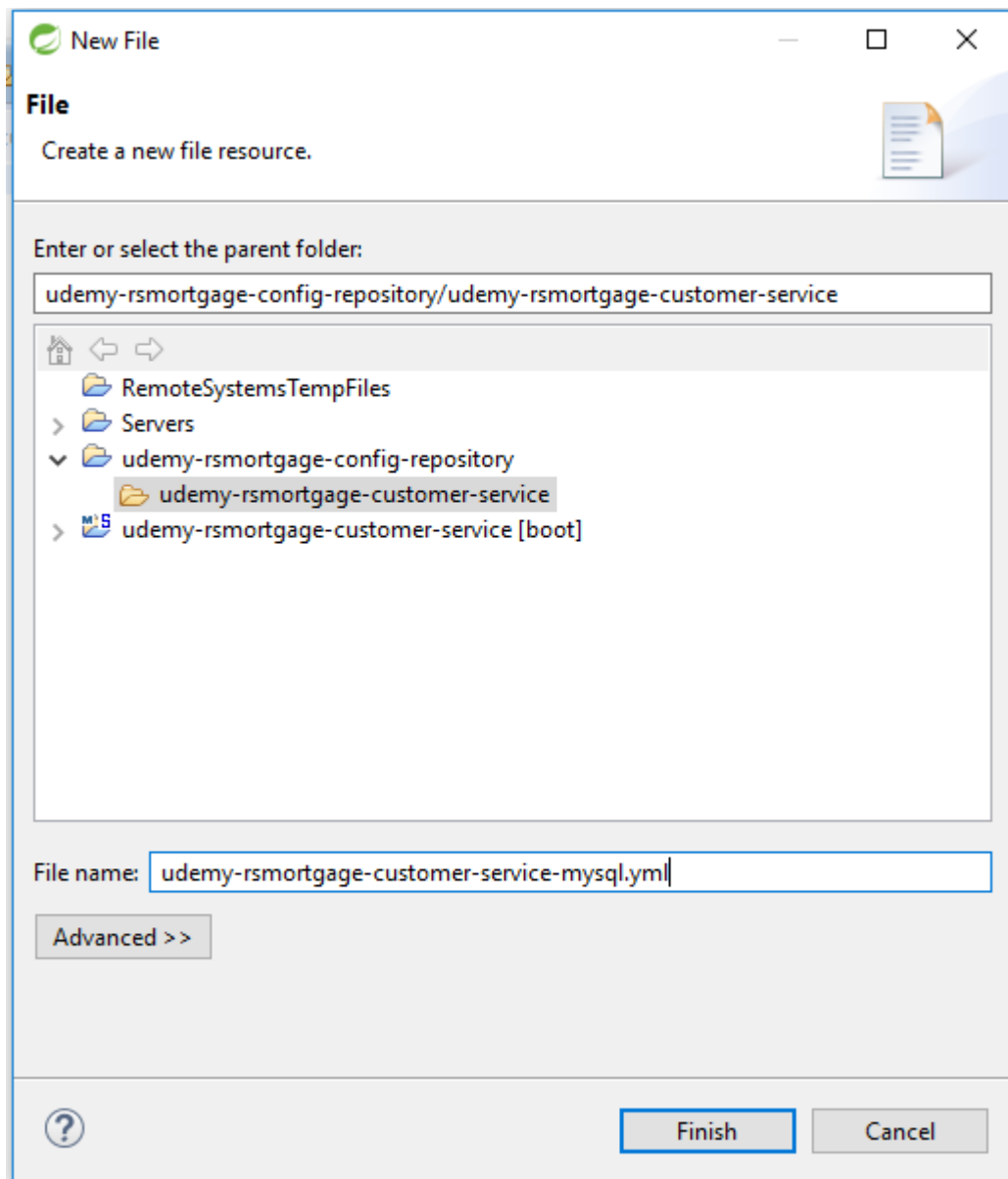
1.10 – Create Property File for Prod Profile



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.database.driverClassName: "com.mysql.jdbc.Driver"  
spring.datasource.url: "jdbc:mysql://localhost/rsmortgage"  
spring.datasource.username: "root"  
spring.datasource.password: "root"  
spring.datasource.validationQuery: "SELECT 1"  
spring.jpa.properties.hibernate.dialect: "org.hibernate.dialect.MySQL5InnoDBDialect"  
spring.jpa.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.