APPLICATION.PROPERTIES:

In Spring Boot, configuration details are kept in the **application.properties** file .The **application.properties** is presentunder the classpath(file location **src/main/resources**).The basic configuration properties like DB details, server port etc. is present in the  **application.properties** file as given below –

**spring.datasource.url=jdbc:oracle:thin:@manoj:1521:orcl**

**spring.datasource.username=tog**

**spring.datasource.password=sci**

YAML File:

Spring Boot supports YAML based properties configurations to run the application. Instead of **application.properties** we can use **application.yml** file. This YAML file also should be kept inside the classpath(file location **src/main/resources**). The sample **application.yml**

file is given below

**datasource:**

**driverClassName: oracle.jdbc.driver.OracleDriver**

**url: jdbc:oracle:thin:@manoj:1521:orcl**

**username: tog**

**password: sci**

In the Spring Boot application, the configuration files are either application.properties or application.yml . The application.yml config file will contain application-related configurations, such as server port, JPA configuration, and data source configuration.

Advantage of YAML

In YAML, there is no extra delimiter is used. So it is the lightweight than XML and JSON.

YAML makes the data understanding easy. So it is useful in case of configuration.

When used YAML then no need to require to do extra configuration in other files

YAML file follows KEY and VALUE pair means follow MAP structure means KEY can’t duplicate

Using YAML file we remove boiler code

Note –For more detail you can go through this video .

Disadvantage of YAML

Scaling problem

Note –For more detail you can go through this video .

BOOTSTRAP.YAML

A Spring Cloud application operates by creating a “bootstrap” context, which is a parent context for the main application.

Out of box we can tell It loads outside configuration file in our local application

Example-Eureka server is running on another port i.e. eureka is a different service and running on different port so we use Bootstrap.yml in our project to create communication between our service and eureka.

Advantage of BOOTSTRAP

Bootstrap.yml (bootstrap.properties) get loaded before application.yml file

Application context in Spring Boot first loads Bootstrap.yml file then it loads either of application.properties or application.yml.

For example we are doing configuration in Bootstrap.yml for two properties

spring.application.name and spring.cloud.config.server.git.uri like below

spring:

application:

name: demo

cloud:

config:

uri: ${CONFIG\_SERVER\_URL:http://localhost:8888}

。

Eureka config below.(I will explain in other vedio and other document)

**spring:**

**application:**

**name: eureka**

**cloud:**

**config:**

**uri: ${CONFIG\_SERVER\_URL:http://localhost:8888}**

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