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Spring Boot 9AM

Mr. RAGHU

Spring Boot + Docker :

<https://www.youtube.com/c/NareshtIT/search?query=Docker%20raghu>

*) Environment:-

A system/place where we can deploy and use our application.

Dev Env, QA Env, UAT Env, Production Env,..etc

** From one Environment to another Environment ,
if we move our application, code remains same.
But properties data (key=val) may get modified.

*) Profiles :-

Writing and Loading Properties File based on Environment,
is called as Profiles.

Here, we create multiple properties files in project, by following syntax:

application-[profilename].properties

You can choose any profilename. Ex: dev, qa, uat, prod ..etc

application-qa.properties [Profile name : qa]

application-uat.properties [Profile name : uat]

application.properties [Profile name: default]

=> Must recommended to define one default profile and you may define multiple other profiles.

=> While Running application we must activate one profile
(else default is activated)

--spring.profiles.active=<profileName>

*) jar based command:

java -jar <app-name>.jar --spring.profiles.active=<profileName>

-----code-----

#1. Create Spring StarterProject

Name : SpringBoot2ProfilesFirstApp

#2. application.properties

my.app.driver=Oracle-DEF

#3. application-qa.properties

my.app.driver=MySQL-QA

#4. Runner class

package in.naresht.raghu.runner;

import org.springframework.beans.factory.annotation.Value;

```
import org.springframework.boot.CommandLineRunner;
import org.springframework.stereotype.Component;

@Component
public class MessageRunner implements CommandLineRunner {

    @Value("${my.app.driver}")
    private String driver;

    public void run(String... args) throws Exception {
        System.out.println("Value is :"+ driver);
    }

}
```

#5. Run App:

```
> Goto main class > Right click on code > Run As
> Run Configuration > Click on Arguments
> Enter under program arguments
    --spring.profiles.active=qa
```

```
> Apply > Run
```
