

# Spring Boot Profiles

## Input Files:-

### application.properties

app.title=COMMON

app.ver=CM1.2

spring.profiles.active=dml

### application-dml.properties

#app.title=DML

app.ver=DML1.9

spring.profiles.include=dmlldb

### application-dmlldb.properties

app.ver=DML-DB-99

### application-htc.properties

app.title=HTC

#app.ver=HTC3.3

## Service Interface:-

```
package in.nit.service;  
public interface Process {  
    public void find();  
}
```

## Implementations:-

```
package in.nit.service.impl;  
import org.springframework.context.annotation.Profile;  
import org.springframework.stereotype.Component;  
import in.nit.service.Process;  
@Component  
@Profile("default")  
public class CommonProcess implements Process{  
  
    @Override  
    public void find() {
```

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```
        System.out.println("FROM-DEFAULT");
    }
}
```

```
package in.nit.service.impl;
import org.springframework.context.annotation.Profile;
import org.springframework.stereotype.Component;
import in.nit.service.Process;
@Component
@Profile("dml")
public class DmlProcess implements Process{
    @Override
    public void find() {
        System.out.println("From-DML");
    }
}
```

```
package in.nit.service.impl;
import org.springframework.context.annotation.Profile;
import org.springframework.stereotype.Component;
import in.nit.service.Process;
@Component
@Profile("htc")
public class HtcProcess implements Process{
    @Override
    public void find() {
        System.out.println("FROM-HTC");
    }
}
```

### **Runner:-**

```
package in.nit.runner;

import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.beans.factory.annotation.Value;
import org.springframework.boot.CommandLineRunner;
import org.springframework.stereotype.Component;

import in.nit.service.Process;
```

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@Component

```
public class ProcessRunner implements CommandLineRunner{
```

```
    @Autowired
```

```
    private Process p;
```

```
    @Value("${app.title}")
```

```
    private String title;
```

```
    @Value("${app.ver}")
```

```
    private String version;
```

```
    @Override
```

```
    public void run(String... args) throws Exception {
```

```
        System.out.println("-FROM-RUNNER-");
```

```
        p.find();
```

```
        System.out.println(title+"-----"+version);
```

```
    }
```

```
}
```

## **Starter class:-**

```
package in.nit;
```

```
import org.springframework.boot.SpringApplication;
```

```
import org.springframework.boot.autoconfigure.SpringBootApplication;
```

```
@SpringBootApplication
```

```
public class SpringBoot2ProfilesTestApplication {
```

```
    public static void main(String[] args) {
```

```
        SpringApplication.run(SpringBoot2ProfilesTestApplication.class, args);
```

```
    }
```

```
}
```

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