One of the way to assign port to tomcat

In Spring Boot, configuring the port on which the embedded Tomcat server starts is typically done using properties in the `application.properties` or `application.yml` file. However, you can achieve similar conditional behavior using Spring's `@Profile` annotation in conjunction with the `spring.profiles.active` property.

Here's how you can conditionally start the embedded Tomcat server on port 8080 using Spring profiles:

1. Define profiles in your `application.properties` or `application.yml` file:
Like application-custom.yml and application-default.yml

```properties
server.port=9090
```

2. Create configuration classes for each profile:

```java
import org.springframework.boot.autoconfigure.condition.ConditionalOnMissingBean;
import org.springframework.boot.autoconfigure.condition.ConditionalOnProperty;
import org.springframework.boot.autoconfigure.web.ServerProperties;
import org.springframework.boot.context.properties.EnableConfigurationProperties;
import org.springframework.context.annotation.Bean;
import org.springframework.context.annotation.Configuration;
import org.springframework.context.annotation.Profile;

@Configuration
@Profile("default")
@EnableConfigurationProperties(ServerProperties.class)
public class DefaultTomcatPortConfiguration {

    @Bean
    @ConditionalOnMissingBean
    public ServerProperties serverProperties() {
        return new ServerProperties();
    }
}

@Configuration
@Profile("custom")
```

```
@EnableConfigurationProperties(ServerProperties.class)
public class CustomTomcatPortConfiguration {

    @Bean
    @ConditionalOnProperty(name = "server.port", havingValue = "9090")
    public ServerProperties serverProperties() {
        return new ServerProperties();
    }
}
```

3. Set the active profile using the `spring.profiles.active` property in your `application.properties` or `application.yml` file:

```properties
spring.profiles.active=custom
```

In this example, the `custom` profile will be active, causing Spring to use the `CustomTomcatPortConfiguration` class to configure the embedded Tomcat server. Since the `server.port` property is set to `9090` in the `custom` profile, the embedded Tomcat server will start on port `9090`.

By using Spring profiles, you can conditionally configure the embedded Tomcat server based on different environments or conditions specified in your application properties. This provides a flexible and robust way to customize the behavior of your Spring Boot application.