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Use case 1:

We want to create only 1 Bean, either $\it MySQLConnection$ or $\it NoSQLConnection$.

Use case 2:

We have 2 components, sharing same codebase, But 1 component need MYSQLConnection and other needs NoSQLConnection

Solution is @ConditionalOnProperty Annotation

```
main] o.a.c.c.C.[Tomcat].[localhost].[/]
main] w.s.c.ServletWebServerApplicationContext
         2024-05-25T11:32:03.950+05:30 INFO 8352 --- [
2024-05-25T11:32:03.951+05:30 INFO 8352 --- [
         initialization of MySQLConnection Bean
Initialization or MysQLConnection sean

DB Connection Beam Created with dependencies below:
is MySQLConnection object Null: false
is NoSQLConnection object Null: false
is NoSQLConnection object Null: mile Null:
is MySQLConnection object Null: false
is NoSQLConnection object Null: false
is NoSQLConnection object Null:
is NySQLConnection object Null:
```

main] o.s.b.w.embedded.tomcat.TomcatWebServermain] c.c.l.SpringbootApplication

Advantages:

- 1. Toggling of Feature
- 2. Avoid cluttering Application context with un-necessary beans.
- 3. Save Memory
- 4. Reduce application Startup time

<u>Disadvantages:</u>

- Misconfiguration can happen.
 Code Complexity when over used.
- 3. Multiple bean creation with same Configuration, brings confusion.
- 4. Complexity in managing.