**Configuring the Spring Boot Server**

**Spring Boot Properties**:

1. Spring Boot can be configured in the "application.properties" file.
2. Server port, context path, actuator, security etc.
3. Spring Boot has 1000+ properties …
4. List of common properties: <https://docs.spring.io/spring-boot/docs/current/reference/html/appendix-application-properties.html>
5. The properties are roughly group into the following categories
   1. Core properties
   2. Cache properties
   3. Mail properties
   4. JSON properties
   5. Data properties
   6. Transaction properties
   7. Data migration properties
   8. Integration properties
   9. Web properties
   10. Templating properties
   11. Server properties
   12. Security properties
   13. RSocket properties
   14. Actuator properties
   15. Devtools properties
   16. Testing properties

Now we review some of the properties …

**Core Properties**:

logging.level.org.springframework=DEBUG => Log levels severity mapping. For instance

loggin.level.org.hibernate=TRACE => Set logging levels based on package name

loggin.level.com.odduu=INFO => Set logging levels based on package name

logging.file.name => Log file. Names can be an exact location or relative to the current directory.

We can also add WARN, ERROR, FATAL, OFF and more …

**Server Properties**:

server.port = 7070 => Set the server port where the project is run. Default port is 8080

server.servlet.context-path = /mysupercoolapp => Context path of the application

server.servlet.session.timeout = 15m => Session timeout, default time is 30m.

we can access the application in the web browser throw the link <http://localhost:7070/mycoolapp/workout>

**Actuator properties**:

management.endpoints.web.exposure.include = \* => Endpoint IDs included for all.

management.endpoints.web.exposure.include = health, info => Included for health and info.

**Security Property**:

spring.security.user.name = admin => Default user name.

spring.security.user.password = topsecret => Password for the default user name.

**Data Properties**:

spring.datasource.url = jdbc:mysql://localhost:3306/ecomerce => JDBC URL of the database.

spring.datasource.username = scott => Login username of the database.

spring.datasource.password = tiger => Login password of the database.

**Development Process**:

1. Configure the server port
2. Configure the application context path

**1) Configure the server port**:

#

# Set the context path of the application

# ALl requests should be prefixed with /mycoolapp

#

server.port = 7070

server.servlet.context-path = /mycoolapp

We can access from the browser: <http://localhost:7070/mycoolapp/teaminfo>

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