

Spring Boot Properties



Spring Boot Properties

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- Server port, context path, actuator, security etc ...

Spring Boot Properties

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- Server port, context path, actuator, security etc ...
- Spring Boot has 1,000+ properties ... wowzers!

Spring Boot Properties

Spring Boot Properties

List of Common Properties

www.luv2code.com/spring-boot-props

Spring Boot Properties

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Core

Web

Security

Data

Spring Boot Properties

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- The properties are roughly grouped into the following categories

Core

Web

Security

Data

Actuator

Integration

DevTools

Testing

Spring Boot Properties

Spring Boot Properties

We'll review some of the properties ...

Core Properties

Core

Core Properties

Core

File: src/main/resources/application.properties

```
# Log levels severity mapping
logging.level.org.springframework=DEBUG
logging.level.org.hibernate=TRACE
logging.level.com.luv2code=INFO
```

Core Properties

Core

File: src/main/resources/application.properties

```
# Log levels severity mapping
logging.level.org.springframework=DEBUG
logging.level.org.hibernate=TRACE
logging.level.com.luv2code=INFO
```

Logging Levels

TRACE
DEBUG
INFO
WARN
ERROR
FATAL
OFF

Core Properties

Core

File: src/main/resources/application.properties

```
# Log levels severity mapping
logging.level.org.springframework=DEBUG
logging.level.org.hibernate=TRACE
logging.level.com.luv2code=INFO

# Log file name
logging.file=my-crazy-stuff.log
...
```

Logging Levels

TRACE
DEBUG
INFO
WARN
ERROR
FATAL
OFF

Core Properties

Core

File: src/main/resources/application.properties

```
# Log levels severity mapping
logging.level.org.springframework=DEBUG
logging.level.org.hibernate=TRACE
logging.level.com.luv2code=INFO

# Log file name
logging.file=my-crazy-stuff.log
...
```

Logging Levels

TRACE
DEBUG
INFO
WARN
ERROR
FATAL
OFF

Spring Boot Logging
www.luv2code.com/spring-boot-logging

Web Properties

Web

Web Properties

File: src/main/resources/application.properties

```
# HTTP server port
server.port=7070
```

Web Properties

File: src/main/resources/application.properties

```
# HTTP server port
server.port=7070

# Context path of the application
server.servlet.context-path=/my-silly-app
```

Web Properties

Web

File: src/main/resources/application.properties

```
# HTTP server port  
server.port=7070  
  
# Context path of the application  
server.servlet.context-path=/my-silly-app
```

http://localhost:7070/my-silly-app/fortune

Web Properties

Web

File: src/main/resources/application.properties

```
# HTTP server port  
server.port=7070  
  
# Context path of the application  
server.servlet.context-path=/my-silly-app  
  
# Default HTTP session time out  
server.servlet.session.timeout=15m  
...
```

http://localhost:7070/my-silly-app/fortune

15 minutes

Actuator Properties

Actuator

Actuator Properties

Actuator

File: src/main/resources/application.properties

```
# Endpoints to include by name or wildcard  
management.endpoints.web.exposure.include=*
```

Actuator Properties

File: src/main/resources/application.properties

```
# Endpoints to include by name or wildcard
management.endpoints.web.exposure.include=*

# Endpoints to exclude by name or wildcard
management.endpoints.web.exposure.exclude=beans,mapping
```

Actuator Properties

File: src/main/resources/application.properties

```
# Endpoints to include by name or wildcard
management.endpoints.web.exposure.include=*

# Endpoints to exclude by name or wildcard
management.endpoints.web.exposure.exclude=beans,mapping

# Base path for actuator endpoints
management.endpoints.web.base-path=/actuator

...
```

Actuator Properties

File: src/main/resources/application.properties

```
# Endpoints to include by name or wildcard  
management.endpoints.web.exposure.include=*  
  
# Endpoints to exclude by name or wildcard  
management.endpoints.web.exposure.exclude=beans,mapping  
  
# Base path for actuator endpoints  
management.endpoints.web.base-path=/actuator  
...
```

<http://localhost:7070/actuator/health>

Security Properties

Security

Security Properties

File: src/main/resources/application.properties

```
# Default user name
spring.security.user.name=admin
```

Security Properties

File: src/main/resources/application.properties

```
# Default user name  
spring.security.user.name=admin  
  
# Password for default user  
spring.security.user.password=topsecret  
...
```

Data Properties

Data

Data Properties

Data

File: src/main/resources/application.properties

```
# JDBC URL of the database
spring.datasource.url=jdbc:mysql://localhost:3306/ecommerce
```

Data Properties

Data

File: src/main/resources/application.properties

```
# JDBC URL of the database
spring.datasource.url=jdbc:mysql://localhost:3306/ecommerce

# Login username of the database
spring.datasource.username=scott
```

Data Properties

File: src/main/resources/application.properties

```
# JDBC URL of the database
spring.datasource.url=jdbc:mysql://localhost:3306/ecommerce

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

# Login password of the database
spring.datasource.password=tiger
...
```

Data Properties

File: src/main/resources/application.properties

```
# JDBC URL of the database
spring.datasource.url=jdbc:mysql://localhost:3306/ecommerce

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

# Login password of the database
spring.datasource.password=tiger
...
```

More on this
in later videos

Spring Boot Properties

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List of Common Properties

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Development Process

Step-By-Step

Development Process

Step-By-Step

1. Configure the server port

Development Process

Step-By-Step

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