**Introduction to Spring Boot Framework**

Use Cases Manual

Sandbox Link [Spring Boot](https://share.percipio.com/cd/J676mja_Z)

**Spring Boot Application Configuration with YAML**

This guide will introduce you to YAML and the YAML support with the various application configuration options that are present in Spring Boot.

**You will learn**

* What is application configuration?
* What is YAML?
* What are the advantages of YAML?
* How do you specify application configuration using YAML with Spring Boot?

**Tools you will need**

* Maven 3.0+ is your build tool
* Your favorite IDE. We use Eclipse.
* JDK 1.8+

**What is YAML?**

* YAML is a human readable serialization language
* YAML stands for Yet Another Markup Language

Let’s consider an example

application.properties

level1.property1 = 5

level1.property2 = 6

level1.property3 = 7

level1.level2.property4 = 8

level1.level2.property5 = 10

level1.level2.property6 = 11

Above property file is cool but it is not very readable.

Let’s consider the same example in YAML format: application.yaml

level1:

property1: 5

property2: 6

property3: 7

level2:

property4: 8

property5: 10

property6: 11

YAML

is concise

is more readable

Spring Boot and YAML

Spring Boot has excellent support for YAML configuration.

**Example 1**

application.properties

server.port = 9080

application.yaml

server:

port: 9080

**Example 2**

application.properties

app.name=Optum

app.description=${app.name} is your first Spring Boot application

welcome.message=Welcome message from property file! Welcome to ${app.name}

application.yaml

app:

name: Optum

description: ${app.name} is your first Spring Boot application

welcome:

message: Welcome to your first Spring Boot app!

**Example 3 - Dynamic Configuration**

application.properties

basic.value: true

basic.message: Dynamic Message

basic.number: 200

application.yaml

basic:

value: true

message: Dynamic Message YAML

number: 200