

Revision

session 1	Introduction, course content,...
session2	advantages of spring framework by comparing with legacy frameworks ejb, rmi

Spring vs SpringBoot

Task

- A Laptop with high speed internet, and java 8 is installed in it.
- develop a web app which reads the data from database and render the output in the browser.
- there is no limitation of using any technology stack | Assuming to use spring MVC
- but your time limit is 15mins
- is this possible ?

step-1

- Installation

Software/tool	Name	Minimum time to install
Database Installation	MYSQL	5mins
App/Web Server	Tomcat	5mins
Spring MVC jars	web app setup in eclipse	5mins
Jar Files	JDBC Jar, Ant/Maven/Gradle	5mins
Total	installation time	20mins

step-2

- configuration
- for every web application we need to configure

web.xml	5mins
Dispatcher Configuration	5 mins
Datasource Configuration	5 mins
WebApplicationContext	5 mins
Total configuration time	20 mins

step-3

- Development

JSP, Controller, service, dsao	10 mins
○ unit testing	05 mins
total development time	15 mins


step-4

- deployment

create a war and deploy it in tomcat	05 mins
○ class path problems	10 mins
total installation time	15 mins

nearly it is going to take 1hr of time not 15 mins

Why Spring Boot



- Provides a radically faster and widely accessible 'getting started' experience for all Spring development
- No clumsy XML Configuration by developers
- Provide opinionated 'starter' POMs to simplify your Maven configuration
- Uses project management tool such as MAVEN or GRADLE
- Helps fast development and production ready code
- Embed Tomcat, Jetty or Undertow directly (no need to deploy WAR files)
- In memory DB

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session completed.