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Spring Boot Interview Questions

APRIL 2, 2018 BY RAMBABU POSA — 13 COMMENTS

Today we will look into some spring boot interview questions and answers. So far, we have discussed some posts about Spring Boot Framework with some real-time examples. In this post, I'm going to give you brief or one shot answers to some Spring Boot Interview Questions. They are very useful when we want to face interview.

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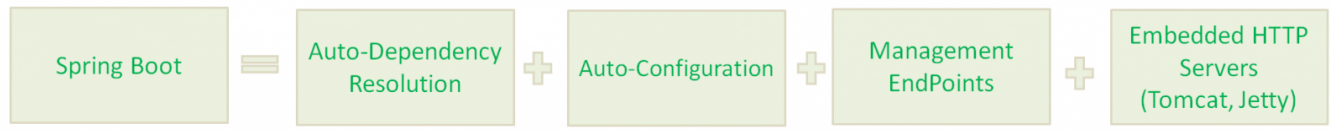
Spring Boot Interview Questions

Spring Boot is a one-stop Framework to develop Spring applications very easily. I have covered a lot of spring interview questions earlier, this is specifically for spring boot interview questions and answers.

These spring boot interview questions are good for experienced programmers as well as new to spring boot framework.

What is Spring Boot?

In simple words, Spring Boot Framework is Auto-Dependency Resolution, Auto-Configuration, Management EndPoints, Embedded HTTP Servers(Jetty/Tomcat etc.) and Spring Boot CLI

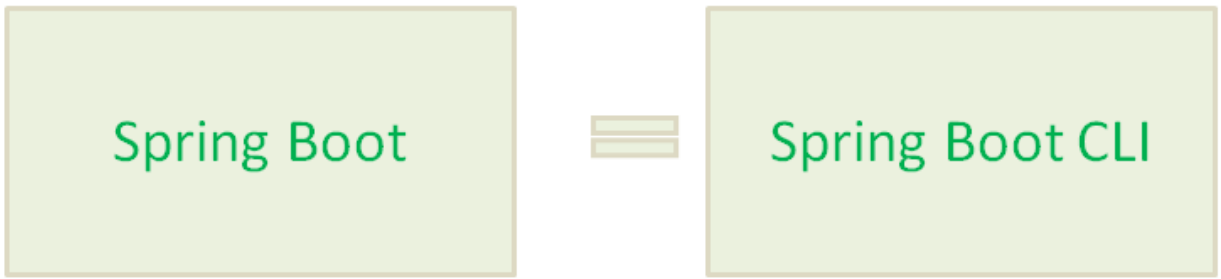


What is Spring Boot?

In other words, Spring Boot Framework is Spring Boot Starter, Spring Boot Auto-Configurator, Spring Boot Actuator, Embedded HTTP Servers and Groovy.

What is Spring Boot?

In other words, Spring Boot Framework is Spring Boot CLI.

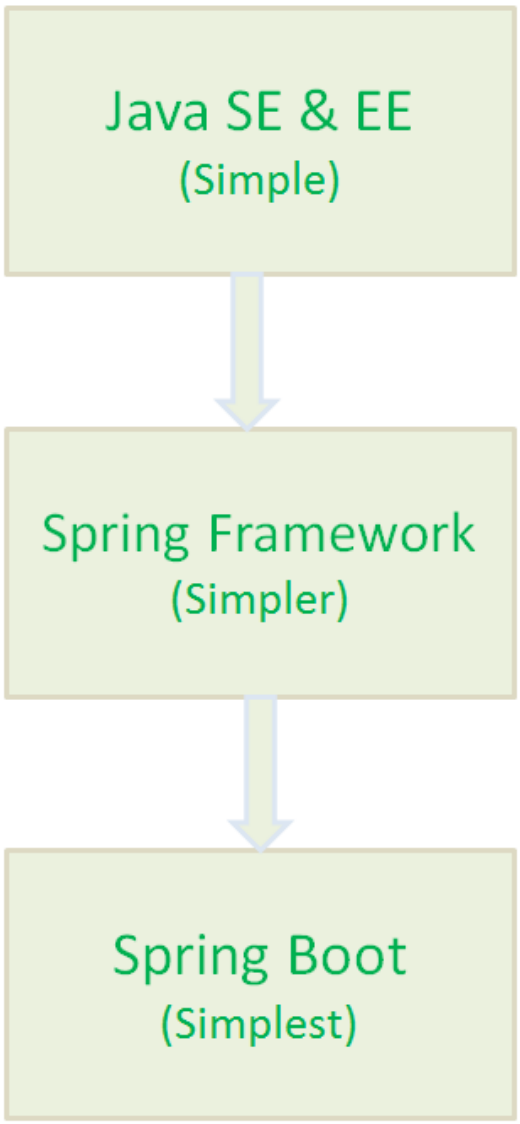


NOTE:-

If you are confused about last two definitions, please read rest of the post to make it clear.

Why we need Spring Boot?

1. Spring Framework aims to simplify Java Applications Development.
2. Spring Boot Framework aims to simplify Spring Development.



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Spring Boot Components

Spring Boot Framework has the following components:

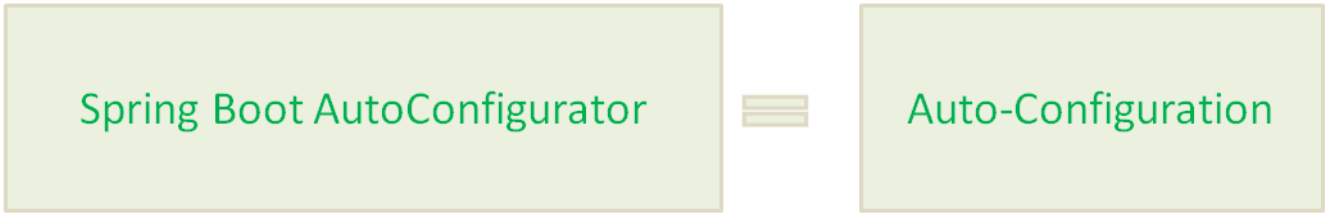
1. Spring Boot Starter
2. Spring Boot AutoConfigurator
3. Spring Boot Actuator
4. Spring Boot CLI
5. Spring Boot Initilizr

What is Spring Boot Starter?

Spring Boot Starters are just JAR Files. They are used by Spring Boot Framework to provide "Auto-Dependency Resolution".

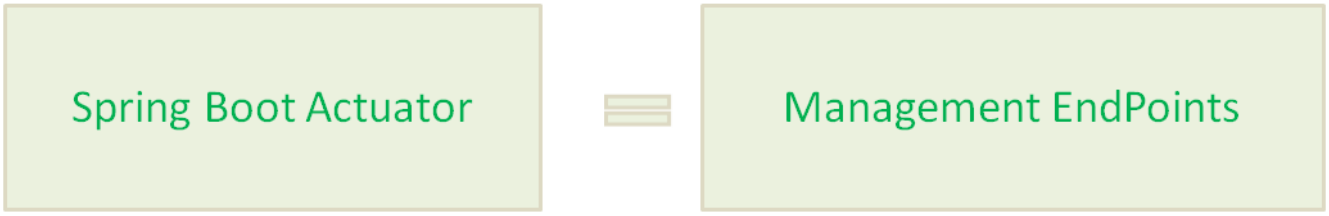
What is Spring Boot AutoConfigurator?

Spring Boot AutoConfigurator is used by Spring Boot Framework to provide "Auto-Configuration".



What is Spring Boot Actuator?

Spring Boot Actuator is used by Spring Boot Framework to provide "Management EndPoints" to see Application Internals, Metrics etc.



What is Spring Boot CLI?

In simple words, Spring Boot CLI is Auto Dependency Resolution, Auto-Configuration, Management EndPoints, Embedded HTTP Servers(Jetty,Tomcat etc.) and (Groovy,Auto-Imports)

What is Spring Boot CLI?

In other words, Spring Boot CLI is Spring Boot Starter, Spring Boot Auto-Configurator, Spring Boot Actuator, Embedded HTTP Servers and Groovy.

What is Spring Boot CLI?

With Spring Boot CLI:

- No Semicolons
- No Public and private access modifiers
- No Imports(Most)
- No "return" statement
- No setters and getters
- No Application class with main() method(It takes care by SpringApplication class).
- No Gradle/Maven builds.
- No separate HTTP Servers.

What is Spring Boot Initilizr?

Spring Boot Initilizr is a Spring Boot tool to bootstrap Spring Boot or Spring Applications very easily.

Spring Boot Initilizr comes in the following forms:

1. Spring Boot Initilizr With Web Interface
2. Spring Boot Initilizr With IDEs/IDE Plugins
3. Spring Boot Initilizr With Spring Boot CLI
4. Spring Boot Initilizr With ThirdParty Tools

Why we need Spring Boot Initilizr?

Spring Boot Initilizr simplifies Spring Applications Development by providing initial project structure and build scripts.

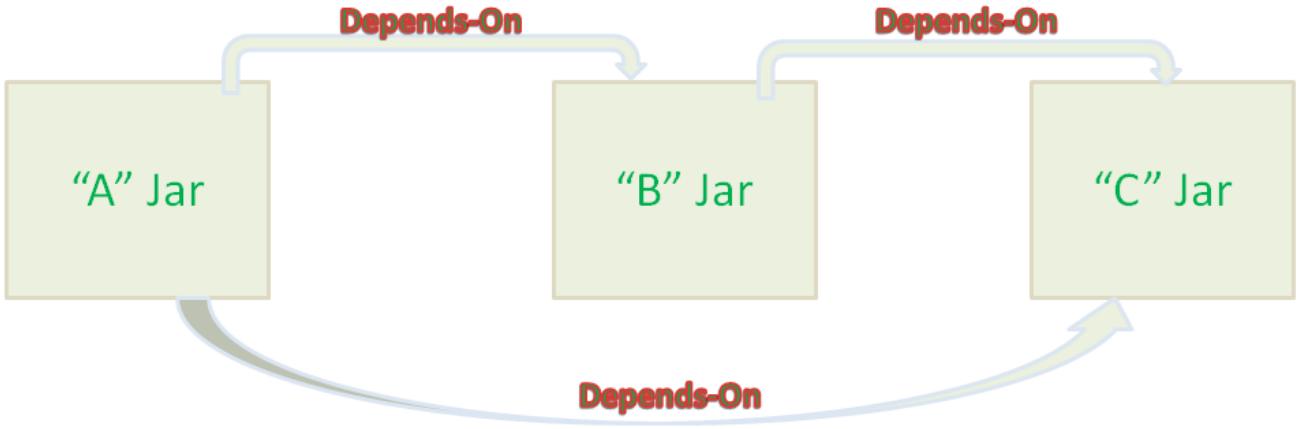
- It reduces Development time
- It increases Productivity

Spring Boot With Maven/Gradle?

Spring Boot Framework uses one of the greatest features of Maven/Gradle build tools: **"Transitively Dependency Resolution Management"**.

What is "Transitively Dependency Resolution Management"?

"Transitively Dependency Resolution Management" means: If we define a "A" dependency in build scripts, "A" is dependent on "B" and "B" is dependent on "C", That means "A" is also dependent on "C".
Then Build Tools will download and add all Three Jar files "A", "B" and "C" to our application classpath.



That's all about Spring Boot interview questions and answers. If you want to learn these concepts in depth, please go through my previous posts one by one. You should also go through official documentation.

« PREVIOUS
Spring Boot Initilizr With ThirdParty Tools

NEXT »
Spring 4 Security

About Rambabu Posa

Rambabu Posa have 13 years of RICH experience as Sr Agile Lead Java/Scala/BigData/NoSQL Developer. Apart from Java, he is good at Spring4, Hibernate4, MEAN Stack, RESTful WebServices, NoSQL, BigData Hadoop Stack, Cloud, Scala, Groovy Grails, Play Framework, Lagom Framework and ConductR, TDD, BDD,Agile,DevOps and

much more. His hobbies are Developing software, Learning new technologies, Love Walking, Reading Books, Watching TV and obviously sharing his knowledge through writing articles on JournalDev.

FILED UNDER: SPRING

Comments

ksahoo says
APRIL 17, 2018 AT 10:00 PM
Good to start with. Thanks for sharing
Reply

Ajeet Singh says
APRIL 8, 2018 AT 3:24 AM
Rambabu thanks for sharing this info.
Could you please add some more questions/tutorials related to customized configuration in Boot
Reply

Rambabu Posa says
APRIL 10, 2018 AT 8:43 AM
Thanks Ajeet Singh to read my tutorials. Yes sure will work on them soon.
Reply

Developer says
FEBRUARY 2, 2018 AT 3:05 AM
It could be better if you more questions on this.
Reply

pranit says
JANUARY 2, 2018 AT 9:25 PM

Informative and very helpful article!
I have been looking for some spring boot interview questions and answers and here i have found it so well so i can prepare for my next interview. Now after reading this article i am very much clear about all concepts related to spring boot. Thanks for sharing it!
Reply

Mathi says
JULY 16, 2017 AT 3:49 PM
Very well explained. Thank you and appreciated
Reply

laxman says
FEBRUARY 19, 2017 AT 4:15 AM
very good one.
Reply

Mouli says
NOVEMBER 23, 2016 AT 8:46 AM
Thanks, it is a nice start up
Reply

Sridhar says
SEPTEMBER 21, 2016 AT 10:33 PM
Really a fantastic way of definitions and explanations..I can easily understand all the topics very easily….Very thanks…
Reply

mashaoli says
JULY 30, 2015 AT 12:00 AM
Java Design Patterns 130
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Marcos Azevedo says

JULY 27, 2015 AT 10:01 PM

Yes, I've been following too. Spring boot seems a good alternative to Grails

Reply

Rameshkumar Ramasamy says

SEPTEMBER 21, 2016 AT 2:53 PM

Spring boot is inspired by Groovy. IMHO, Pivotal Labs has remodeled it.

Reply

Bala says

JULY 27, 2015 AT 2:11 AM

I read all Spring Boot Tutorial. They are really good useful for me. Waiting for some advanced concepts please.

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