spring

DOCS GUIDES PROJECTS BLOG QUESTIONS

PROJECTS

Spring Boot

构建生产就绪的Spring应用

Takes an opinionated view of building production-ready Spring applications. Spring Boot favors convention over configuration and is designed to get you up and running as quickly as possible. 约定优于配置 旨在让你尽快开始运行

QUICK START

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易于创建独立的、产品级的基于Spring应用

Spring Boot makes it easy to create stand-alone, production-grade Spring based Applications that you can "just run". We take an opinionated view of the Spring platform and third-party libraries so you can get started with minimum fuss. Most Spring Boot applications need very little Spring configuration.

Features

- Create stand-alone Spring applications
- Embed Tomcat, Jetty or Undertow directly (no need to deploy WAR files)
- Provide opinionated 'starter' POMs to simplify your Maven configuration Maven依赖模块化
- Automatically configure Spring whenever possible 尽可能地自动配置Spring
- Provide production-ready features such as metrics, health checks and externalized configuration 提供生产就绪的功能
- Absolutely no code generation and no requirement for XML configuration
  Absolutely no code generation and no requirement for XML configuration

The reference guide includes detailed descriptions of all the features, plus an extensive howto for common use cases. http://docs.spring.io/spring-boot/docs/current/reference/htmlsingle/

Quick Start 快速开始

If you are Java developer you can use start.spring.io to generate a basic project, follow the "Quick Start" example below, or read the reference documentation getting started guide.

Download 1.5.1 CURRENT GA ≡ MAVEN GRADLE

The recommended way to get started using `spring-boot` in your project is with a dependency management system – the snippet below can be copied and pasted into your build. Need help? See our getting started guides on building with Maven and Gradle.

```xml
<parent>
    <groupId>org.springframework.boot</groupId>
    <artifactId>spring-boot-starter-parent</artifactId>
    <version>1.5.1.RELEASE</version>
</parent>
<dependencies>
    <dependency>
        <groupId>org.springframework.boot</groupId>
        <artifactId>spring-boot-starter-web</artifactId>
    </dependency>
</dependencies>
```

`hello/SampleController.java`

看不清见官方网站！

```java
package hello;
```

Spring Boot

RELEASE	DOCUMENTATION
2.0.0 SNAPSHOT	Reference | API
1.5.2 SNAPSHOT	Reference | API
1.5.1 CURRENT GA	Reference | API
1.4.5 SNAPSHOT	Reference | API
1.4.4 GA	Reference | API
1.3.8 GA	Reference | API

https://github.com/spring-projects/spring-boot/tree/master/spring-boot-samples

Sample Projects Sample Projects

- Simple
- Embedded Tomcat
- Batch
- Data JPA
- Integration
- more…

https://spring.io/guides/

Getting Started Guides Getting Started Guides

- Building an Application with Spring Boot
- Building a RESTful Web Service
- Serving Web Content
- Converting a Spring Boot JAR Application to a WAR

External Links External Links

- Spring Tips: Demystifying Bootiful Magic
- It's a kind of magic: under the covers of Spring Boot
- Presentations on InfoQ
- Spring Boot for the web tier

```
import org.springframework.boot.*;
import org.springframework.boot.autoconfigure.*;
import org.springframework.stereotype.*;
import org.springframework.web.bind.annotation.*;

@Controller
@EnableAutoConfiguration
public class SampleController {

    @RequestMapping("/")
    @ResponseBody
    String home() {
        return "Hello World!";
    }

    public static void main(String[] args) throws Exception {
        SpringApplication.run(SampleController.class, args);
    }
}
```

Spring Boot CLI

Spring Boot ships with a command line tool that can be used if you want to quickly prototype with Spring. It allows you to run Groovy scripts, which means that you have a familiar Java-like syntax, without so much boilerplate code. Follow the instructions in our main documentation if you want to install the Spring Boot CLI.

TEAM SERVICES TOOLS

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