spring

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PROJECTS

Spring Boot

使命：构建生产就绪的Spring应用程序

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   设计目标：旨在让你尽快开始运行

QUICK START

轻松地创建独立的、产品级的基于Spring的应用程序

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 a 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.

```
<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！

```
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

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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

```java
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.

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