Atitit springboot helloword 最简化 attilax总结

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## 建立项目springboothelloword

## 下载maven，通过maven下载springboot的jar。。当然也可以手动下载

D:\prgrm\apache-maven-3.5.0\bin\mvn.cmd -f D:\workspace\springboothelloword\down\_springboot.txt test

下载jar配置文件参考 SpringBoot入门系列：第一篇 Hello World - CSDN博客.mhtml

貌似里面主要下载 org.springframework.boot 这类类库jar和依赖

默认maven 仓库配置文件maven/conf/ settings.xml

默认的maven仓库在 C:\Users\Administrator\.m2\repository

默认的仓库国外太慢，使用阿里云沟内的，速度块。。三十分钟都没下载完，使用阿里云这个仓库，三俩分就ok了

****阿里云的Maven仓库地址如下：****

[http://maven.aliyun.com/nexus/#view-repositories;public~browsestorage](http://maven.aliyun.com/nexus/" \l "view-repositories;public~browsestorage)

****如何在Maven中配置使用呢？****

很简单，在maven的settings.xml 文件里配置mirrors的子节点，添加如下mirror：

**Html代码  [IMG_256](http://412887952-qq-com.iteye.com/blog/javascript:void())**

1. **<span** style="font-family: 'Microsoft YaHei', 微软雅黑, SimHei, tahoma, arial, helvetica, sans-serif;"**>**  **<mirror>**
2. **<id>**nexus-aliyun**</id>**
3. **<mirrorOf>**\***</mirrorOf>**
4. **<name>**Nexus aliyun**</name>**
5. **<url>**http://maven.aliyun.com/nexus/content/groups/public**</url>**
6. **</mirror></span>**

## 下载到的文件清单126个文件，24M 为了方便导入，从层级文件夹里面搜索出来

以及包括了嵌入版的tomcat

驱动器 D 中的卷是 p2soft

卷的序列号是 9AD0-D3C8

D:\workspace\springboothelloword\jars 的目录

2018/02/02 23:35 <DIR> .

2018/02/02 23:35 <DIR> ..

2018/02/02 23:30 331,716 backport-util-concurrent-3.1.jar

2018/02/02 23:10 64,804 classmate-1.3.1.jar

2018/02/02 23:27 37,854 classworlds-1.1.jar

2018/02/02 23:27 30,117 commons-cli-1.0.jar

2018/02/02 23:30 315,805 commons-lang3-3.1.jar

2018/02/02 23:29 44,598 commons-logging-api-1.1.jar

2018/02/02 23:27 5,936 doxia-sink-api-1.0-alpha-7.jar

2018/02/02 23:29 639,592 google-collections-1.0.jar

2018/02/02 23:13 704,465 hibernate-validator-5.2.4.Final.jar

2018/02/02 23:10 55,783 jackson-annotations-2.8.1.jar

2018/02/02 23:11 280,014 jackson-core-2.8.1.jar

2018/02/02 23:15 1,230,290 jackson-databind-2.8.1.jar

2018/02/02 23:35 0 jars.txt

2018/02/02 23:09 66,802 jboss-logging-3.3.0.Final.jar

2018/02/02 23:30 16,722 jcl-over-slf4j-1.5.6.jar

2018/02/02 23:06 16,431 jcl-over-slf4j-1.7.21.jar

2018/02/02 23:29 31,866 jsr305-2.0.1.jar

2018/02/02 23:06 4,597 jul-to-slf4j-1.7.21.jar

2018/02/02 23:29 121,070 junit-3.8.1.jar

2018/02/02 23:29 120,640 junit-3.8.2.jar

2018/02/02 23:29 358,085 log4j-1.2.12.jar

2018/02/02 23:06 23,646 log4j-over-slf4j-1.7.21.jar

2018/02/02 23:08 304,075 logback-classic-1.1.7.jar

2018/02/02 23:08 470,782 logback-core-1.1.7.jar

2018/02/02 23:28 87,360 maven-artifact-2.0.6.jar

2018/02/02 23:29 88,909 maven-artifact-2.0.9.jar

2018/02/02 23:30 80,322 maven-artifact-2.2.1.jar

2018/02/02 23:29 56,508 maven-artifact-manager-2.0.6.jar

2018/02/02 23:29 57,835 maven-artifact-manager-2.0.9.jar

2018/02/02 23:30 67,574 maven-artifact-manager-2.2.1.jar

2018/02/02 23:03 42,949 maven-compiler-plugin-3.1.jar

2018/02/02 23:27 151,617 maven-core-2.0.6.jar

2018/02/02 23:29 159,630 maven-core-2.0.9.jar

2018/02/02 23:30 177,887 maven-core-2.2.1.jar

2018/02/02 23:27 13,612 maven-error-diagnostics-2.0.6.jar

2018/02/02 23:29 13,786 maven-error-diagnostics-2.0.9.jar

2018/02/02 23:30 13,022 maven-error-diagnostics-2.2.1.jar

2018/02/02 23:28 43,106 maven-filtering-1.1.jar

2018/02/02 23:28 86,390 maven-model-2.0.6.jar

2018/02/02 23:29 87,322 maven-model-2.0.9.jar

2018/02/02 23:30 87,588 maven-model-2.2.1.jar

2018/02/02 23:27 10,242 maven-monitor-2.0.6.jar

2018/02/02 23:29 10,281 maven-monitor-2.0.9.jar

2018/02/02 23:30 10,456 maven-monitor-2.2.1.jar

2018/02/02 23:30 14,039 maven-plugin-annotations-3.3.jar

2018/02/02 23:26 12,860 maven-plugin-api-2.0.6.jar

2018/02/02 23:29 12,892 maven-plugin-api-2.0.9.jar

2018/02/02 23:30 12,374 maven-plugin-api-2.2.1.jar

2018/02/02 23:27 36,872 maven-plugin-descriptor-2.0.6.jar

2018/02/02 23:29 37,043 maven-plugin-descriptor-2.0.9.jar

2018/02/02 23:30 39,285 maven-plugin-descriptor-2.2.1.jar

2018/02/02 23:27 20,756 maven-plugin-parameter-documenter-2.0.6.jar

2018/02/02 23:29 20,878 maven-plugin-parameter-documenter-2.0.9.jar

2018/02/02 23:30 22,192 maven-plugin-parameter-documenter-2.2.1.jar

2018/02/02 23:27 28,922 maven-plugin-registry-2.0.6.jar

2018/02/02 23:29 29,073 maven-plugin-registry-2.0.9.jar

2018/02/02 23:30 29,710 maven-plugin-registry-2.2.1.jar

2018/02/02 23:27 35,241 maven-profile-2.0.6.jar

2018/02/02 23:29 35,359 maven-profile-2.0.9.jar

2018/02/02 23:30 35,362 maven-profile-2.2.1.jar

2018/02/02 23:27 116,183 maven-project-2.0.6.jar

2018/02/02 23:29 121,780 maven-project-2.0.9.jar

2018/02/02 23:30 156,283 maven-project-2.2.1.jar

2018/02/02 23:27 9,941 maven-reporting-api-2.0.6.jar

2018/02/02 23:30 10,940 maven-reporting-api-3.0.jar

2018/02/02 23:27 24,475 maven-repository-metadata-2.0.6.jar

2018/02/02 23:29 24,559 maven-repository-metadata-2.0.9.jar

2018/02/02 23:30 25,656 maven-repository-metadata-2.2.1.jar

2018/02/02 23:02 29,519 maven-resources-plugin-2.6.jar

2018/02/02 23:27 49,100 maven-settings-2.0.6.jar

2018/02/02 23:29 49,112 maven-settings-2.0.9.jar

2018/02/02 23:30 49,042 maven-settings-2.2.1.jar

2018/02/02 23:29 13,538 maven-shared-incremental-1.1.jar

2018/02/02 23:29 154,519 maven-shared-utils-0.1.jar

2018/02/02 23:30 274,434 maven-surefire-common-2.18.1.jar

2018/02/02 23:04 37,015 maven-surefire-plugin-2.18.1.jar

2018/02/02 23:29 32,911 maven-toolchain-1.0.jar

2018/02/02 23:30 37,623 maven-toolchain-2.2.1.jar

2018/02/02 23:29 6,809 plexus-build-api-0.0.4.jar

2018/02/02 23:30 13,494 plexus-cipher-1.4.jar

2018/02/02 23:29 46,088 plexus-classworlds-2.2.2.jar

2018/02/02 23:29 24,990 plexus-compiler-api-2.2.jar

2018/02/02 23:29 18,971 plexus-compiler-javac-2.2.jar

2018/02/02 23:29 4,561 plexus-compiler-manager-2.2.jar

2018/02/02 23:29 4,211 plexus-component-annotations-1.5.5.jar

2018/02/02 23:29 194,185 plexus-container-default-1.0-alpha-9-stable-1.jar

2018/02/02 23:29 216,640 plexus-container-default-1.5.5.jar

2018/02/02 23:27 13,407 plexus-interactivity-api-1.0-alpha-4.jar

2018/02/02 23:30 50,936 plexus-interpolation-1.11.jar

2018/02/02 23:29 61,057 plexus-interpolation-1.13.jar

2018/02/02 23:30 28,555 plexus-sec-dispatcher-1.3.jar

2018/02/02 23:29 210,680 plexus-utils-1.5.1.jar

2018/02/02 23:30 228,110 plexus-utils-1.5.15.jar

2018/02/02 23:29 223,171 plexus-utils-2.0.5.jar

2018/02/02 23:30 22,338 slf4j-api-1.5.6.jar

2018/02/02 23:06 41,071 slf4j-api-1.7.21.jar

2018/02/02 23:30 8,815 slf4j-jdk14-1.5.6.jar

2018/02/02 23:10 273,599 snakeyaml-1.17.jar

2018/02/02 23:06 379,821 spring-aop-4.3.2.RELEASE.jar

2018/02/02 23:06 757,134 spring-beans-4.3.2.RELEASE.jar

2018/02/02 23:06 646,164 spring-boot-1.4.0.BUILD-20160728.175440-591.jar

2018/02/02 23:06 646,164 spring-boot-1.4.0.BUILD-SNAPSHOT.jar

2018/02/02 23:06 931,886 spring-boot-autoconfigure-1.4.0.BUILD-20160728.175440-592.jar

2018/02/02 23:06 931,886 spring-boot-autoconfigure-1.4.0.BUILD-SNAPSHOT.jar

2018/02/02 23:02 62,035 spring-boot-maven-plugin-1.4.0.BUILD-20160728.175440-590.jar

2018/02/02 23:02 62,035 spring-boot-maven-plugin-1.4.0.BUILD-SNAPSHOT.jar

2018/02/02 23:06 2,309 spring-boot-starter-1.4.0.BUILD-20160728.175440-590.jar

2018/02/02 23:06 2,309 spring-boot-starter-1.4.0.BUILD-SNAPSHOT.jar

2018/02/02 23:06 2,328 spring-boot-starter-logging-1.4.0.BUILD-20160728.175440-590.jar

2018/02/02 23:06 2,328 spring-boot-starter-logging-1.4.0.BUILD-SNAPSHOT.jar

2018/02/02 23:06 2,312 spring-boot-starter-tomcat-1.4.0.BUILD-20160728.175440-590.jar

2018/02/02 23:06 2,312 spring-boot-starter-tomcat-1.4.0.BUILD-SNAPSHOT.jar

2018/02/02 23:06 2,363 spring-boot-starter-web-1.4.0.BUILD-20160728.175440-590.jar

2018/02/02 23:06 2,363 spring-boot-starter-web-1.4.0.BUILD-SNAPSHOT.jar

2018/02/02 23:06 1,133,137 spring-context-4.3.2.RELEASE.jar

2018/02/02 23:06 1,110,160 spring-core-4.3.2.RELEASE.jar

2018/02/02 23:06 263,693 spring-expression-4.3.2.RELEASE.jar

2018/02/02 23:06 811,682 spring-web-4.3.2.RELEASE.jar

2018/02/02 23:06 913,982 spring-webmvc-4.3.2.RELEASE.jar

2018/02/02 23:30 147,968 surefire-api-2.18.1.jar

2018/02/02 23:30 39,877 surefire-booter-2.18.1.jar

2018/02/02 23:22 2,978,551 tomcat-embed-core-8.5.4.jar

2018/02/02 23:07 239,714 tomcat-embed-el-8.5.4.jar

2018/02/02 23:10 241,285 tomcat-embed-websocket-8.5.4.jar

2018/02/02 23:09 63,777 validation-api-1.1.0.Final.jar

2018/02/02 23:29 133,826 xbean-reflect-3.4.jar

126 个文件 22,466,663 字节

2 个目录 2,392,588,288 可用字节

## 把人maven仓库下载的springboot jar 导入项目

体积大概总共24M

文档内容从SpringBoot的文档拷贝

## 4、编制启动java Application.java存于myFirstProject\src\main\java\com\example\myFirstProject下

**[java]** [view plain](http://blog.csdn.net/lxhjh/article/details/51711148" \o "view plain) [copy](http://blog.csdn.net/lxhjh/article/details/51711148" \o "copy)

1. **package** com.example.myFirstProject;
3. **import** org.springframework.boot.SpringApplication;
4. **import** org.springframework.boot.autoconfigure.SpringBootApplication;

7. @SpringBootApplication
8. **public** **class** Application {
10. **public** **static** **void** main(String[] args) {
11. SpringApplication.run(Application.**class**, args);
12. }
13. }

## 编制Example.java，

1. 存于myFirstProject\src\main\java\com\example\myFirstProject下

**[java]** [view plain](http://blog.csdn.net/lxhjh/article/details/51711148" \o "view plain) [copy](http://blog.csdn.net/lxhjh/article/details/51711148" \o "copy)

1. **package** com.example.myFirstProject;
3. **import** org.springframework.boot.autoconfigure.EnableAutoConfiguration;
4. **import** org.springframework.web.bind.annotation.PathVariable;
5. **import** org.springframework.web.bind.annotation.RequestMapping;
6. **import** org.springframework.web.bind.annotation.RestController;
8. @RestController
9. @EnableAutoConfiguration
10. **public** **class** Example {
12. @RequestMapping("/")
13. String home() {
14. **return** "Hello World!";
15. }
17. @RequestMapping("/hello/{myName}")
18. String index(@PathVariable String myName) {
19. **return** "Hello "+myName+"!!!";
20. }
21. }

## 运行 app java 解决了三个slf jar版本冲突问题，删了三个jar slf1.5的jar

## 运行 app java 此时已经启动了，springboot默认集成了tomcat 已经启动了web服务

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:: Spring Boot :: (v1.4.0.BUILD-SNAPSHOT)

2018-02-02 23:50:54.741 INFO 12556 --- [ main] com.example.myFirstProject.Application : Starting Application on hmNotePC with PID 12556 (D:\workspace\springboothelloword\bin started by Administrator in D:\workspace\springboothelloword)

2018-02-02 23:50:54.745 INFO 12556 --- [ main] com.example.myFirstProject.Application : No active profile set, falling back to default profiles: default

2018-02-02 23:50:54.877 INFO 12556 --- [ main] ationConfigEmbeddedWebApplicationContext : Refreshing org.springframework.boot.context.embedded.AnnotationConfigEmbeddedWebApplicationContext@293a5bf6: startup date [Fri Feb 02 23:50:54 GMT+08:00 2018]; root of context hierarchy

2018-02-02 23:50:58.457 INFO 12556 --- [

## 测试 输入http://localhost:8080，显示如图6

## 在浏览器中,输入http://localhost:8080/hello/SpringBoot

# 附录

## 错误排除

## Slf1.5 问题，，里面有1.7的jar 也有1.5的，提示需要1.7的。。

把1.5的slf api删除即可

## SLF4J: Class path contains multiple SLF4J bindings.

SLF4J: Found binding in [jar:file:/D:/workspace/springboothelloword/jars/logback-classic-1.1.7.jar!/org/slf4j/impl/StaticLoggerBinder.class]

SLF4J: Found binding in [jar:file:/D:/workspace/springboothelloword/jars/slf4j-jdk14-1.5.6.jar!/org/slf4j/impl/StaticLoggerBinder.class]

SLF4J: See http://www.slf4j.org/codes.html#multiple\_bindings for an explanation.

SLF4J: Actual binding is of type [ch.qos.logback.classic.util.ContextSelectorStaticBinder]

Exception in thread "main" java.lang.NoSuchMethodError: org.slf4j.spi.LocationAwareLogger.log(Lorg/slf4j/Marker;Ljava/lang/String;ILjava/lang/String;Ljava/lang/Throwable;)V

at org.apache.commons.logging.impl.SLF4JLocationAwareLog.warn(SLF4JLocationAwareLog.java:162)

at org.springframework.boot.SpringApplicationRunListeners.callFinishedListener(SpringApplicationRunListeners.java:91)

at org.springframework.boot.SpringApplicationRunListeners.finished(SpringApplicationRunListeners.java:72)

at org.springframework.boot.SpringApplication.handleRunFailure(SpringApplication.java:810)

at org.springframework.boot.SpringApplication.run(SpringApplication.java:324)

at org.springframework.boot.SpringApplication.run(SpringApplication.java:1185)

at org.springframework.boot.SpringApplication.run(SpringApplication.java:1174)

at com.example.myFirstProject.Application.main(Application.java:11)

删除slf4j-jdk14-1.5.6.jar

## Exception in thread "main" java.lang.NoSuchMethodError: org.slf4j.spi.LocationAwareLogger.log(Lorg/slf4j/Marker;Ljava/lang/String;ILjava/lang/String;Ljava/lang/Throwable;)V

at org.apache.commons.logging.impl.SLF4JLocationAwareLog.warn(SLF4JLocationAwareLog.java:162)

at org.springframework.boot.SpringApplicationRunListeners.callFinishedListener(SpringApplicationRunListeners.java:91)

at org.springframework.boot.SpringApplicationRunListeners.finished(SpringApplicationRunListeners.java:72)

at org.springframework.boot.SpringApplication.handleRunFailure(SpringApplication.java:810)

at org.springframework.boot.SpringApplication.run(SpringApplication.java:324)

at org.springframework.boot.SpringApplication.run(SpringApplication.java:1185)

at org.springframework.boot.SpringApplication.run(SpringApplication.java:1174)

at com.example.myFirstProject.Application.main(Application.java:11)

点击这个使用common loggin，发现来自与jar jcl-over-slf4j-1.5.6 删除

## Atitit maven使用总结attilax总结

Mvn.cmd -f pom7.xml -s d:/maven/conf/settings\_repos2.xml test

-f 参数知名项目要用的jar配置文件 比如down\_springboot.txt ，文件扩展名不被非得xml，TXT均可

-s 指明仓库位置，要把jar下载到那个目录

要下载某个jar，指南通过-f参数配置，不能直接指明名字

存储位置，也指南通过-s参数，无法命令行指明目录

-help 得到help

# 参考资料

参考 SpringBoot入门系列：第一篇 Hello World - CSDN博客.mhtml