Spring Boot部署到云端

置顶 最小的帆也能远航 于 2020-03-29 11:43:07 发布 185 收藏

分类专栏： Spring

本文链接： https://blog.csdn.net/weixin_44364444/article/details/105175206

版权

Spring 专栏收录该内容

48 篇文章 0 订阅

订阅专栏
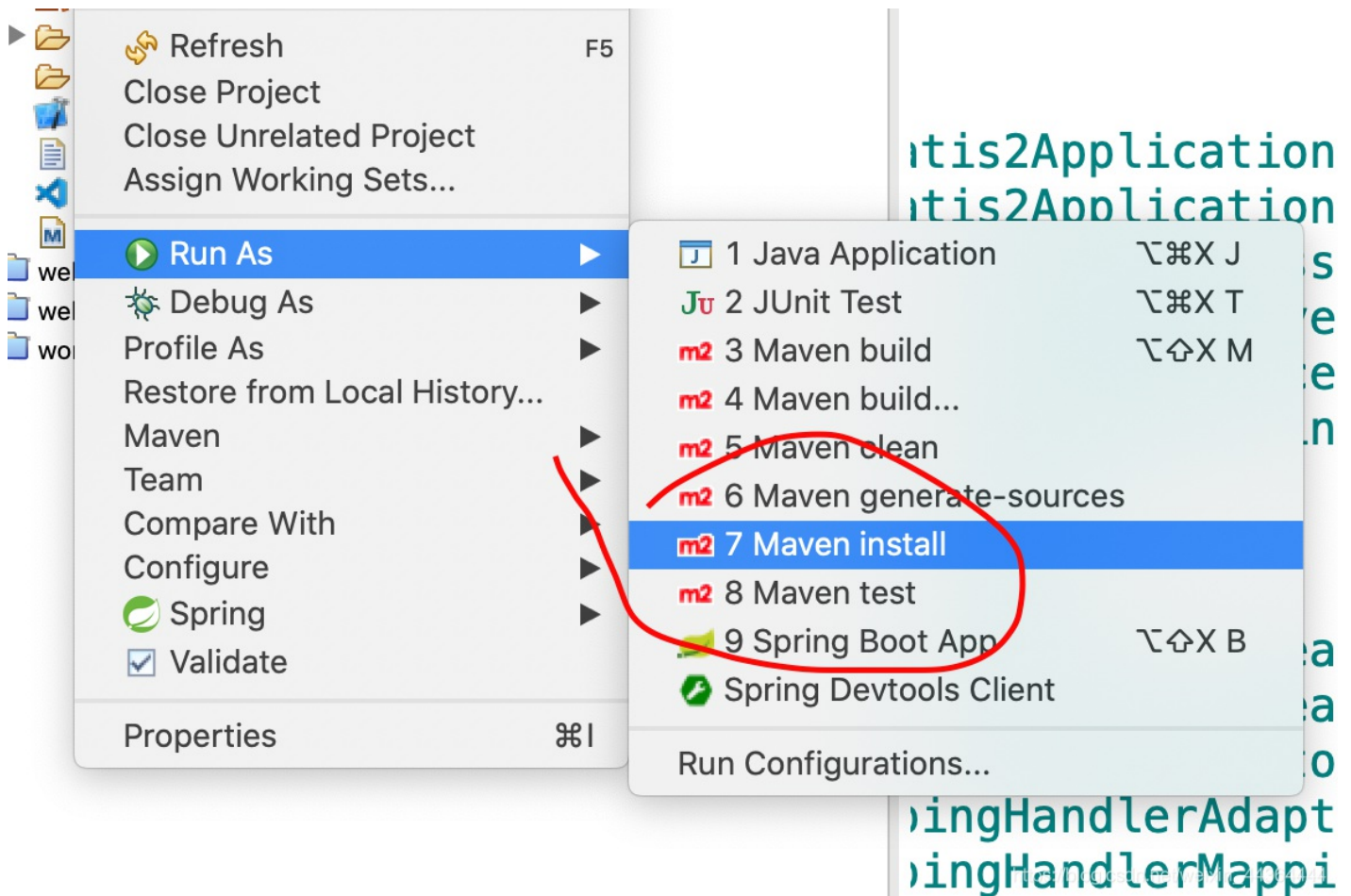
部署的要求：

```
1.//查看java版本，11以上

java -version

2.阿里云或者腾讯云
```

1.结束Spring Boot

```
Application shutdown requested.
Shutting down ExecutorService 'applicationTaskExecutor'
```

2.打包程序

	Refresh	F5
	Close Project	
	Close Unrelated Project	
	Assign Working Sets...	
▶	Run As	▶
🐞	Debug As	▶
	Profile As	▶
	Restore from Local History...	
	Maven	▶
	Team	▶
	Compare With	▶
	Configure	▶
🌱	Spring	▶
☑	Validate	
	Properties	⌘I

Run As submenu:

J	1 Java Application	⌥⌘X J
Ju	2 JUnit Test	⌥⌘X T
m2	3 Maven build	⌥⇧X M
m2	4 Maven build...	
m2	5 Maven clean	
m2	6 Maven generate-sources	
m2	7 Maven install	
m2	8 Maven test	
	9 Spring Boot App	⌥⇧X B
🌱	Spring Devtools Client	
	Run Configurations...	

3.出现下图，表示打包成功

Tests run: 1, Failures: 0, Errors: 0, Skipped: 0

--- maven-jar-plugin:3.1.2:jar **(default-jar)** @ mybatis2 ---
Building jar: /Users/wtao/Documents/workspace/mybatis2/target/mybatis2-0.1.jar

--- spring-boot-maven-plugin:2.2.5.RELEASE:repackage **(repackage)** @ mybatis2 ---
Replacing main artifact with repackaged archive

--- maven-install-plugin:2.5.2:install **(default-install)** @ mybatis2 ---
Installing /Users/wtao/Documents/workspace/mybatis2/target/mybatis2-0.1.jar to /U:
Installing /Users/wtao/Documents/workspace/mybatis2/pom.xml to /Users/wtao/.m2/re|

BUILD SUCCESS

Total time: 13.085 s
Finished at: 2020-03-27T10:41:25+08:00

本地查看安装的java版本（没有的可以去官网下载）

```
C:\Users\Admin>java -version
java version "14" 2020-03-17
Java(TM) SE Runtime Environment (build 14+36-1461)
Java HotSpot(TM) 64-Bit Server VM (build 14+36-1461, mixed mode, sharing)

C:\Users\Admin>_
```

本地运行打包后的程序

&:后台运行
java -jar path   &


```
C:\Users\Admin>java -jar C:\Users\Admin\Desktop\hr.jar &
  /\\ / ___'_ __ _ _(_)_ __  __ _ \ \ \ \
 ( ( )\___ | '_ | '_| | '_ \/ _` | \ \ \ \
  \\/  ___)| |_)| | | | | || (_| |  ) ) ) )
   '  |____| .__|_| |_|_| |_\__, | / / / /
  =========|_|==============|___/=/_/_/_/
  :: Spring Boot ::        (v2.2.5.RELEASE)

2020-03-29 11:19:08.170  INFO 14196 --- [           main] com.newer.work2.Work2Application         : Starting Work2Application v0.1 on DESKTOP-6S18FC3 with PID 14196
:\Users\Admin\Desktop\hr.jar started by Admin in C:\Users\Admin)
2020-03-29 11:19:08.176  INFO 14196 --- [           main] com.newer.work2.Work2Application         : No active profile set, falling back to default profiles: default
2020-03-29 11:19:09.880  INFO 14196 --- [           main] o.s.b.w.embedded.tomcat.TomcatWebServer  : Tomcat initialized with port(s): 9000 (http)
2020-03-29 11:19:09.897  INFO 14196 --- [           main] o.apache.catalina.core.StandardService   : Starting service [Tomcat]
2020-03-29 11:19:09.898  INFO 14196 --- [           main] org.apache.catalina.core.StandardEngine  : Starting Servlet engine: [Apache Tomcat/9.0.31]
2020-03-29 11:19:10.030  INFO 14196 --- [           main] o.a.c.c.C.[Tomcat].[localhost].[/]       : Initializing Spring embedded WebApplicationContext
2020-03-29 11:19:10.030 DEBUG 14196 --- [           main] o.s.web.context.ContextLoader            : Published root WebApplicationContext as ServletContext attribute
th name [org.springframework.web.context.WebApplicationContext.ROOT]
2020-03-29 11:19:10.031  INFO 14196 --- [           main] o.s.web.context.ContextLoader            : Root WebApplicationContext: initialization completed in 1766 ms
2020-03-29 11:19:10.053 DEBUG 14196 --- [           main] o.s.b.w.s.ServletContextInitializerBeans : Mapping filters: characterEncodingFilter urls=[/*] order=-2147483
8, formContentFilter urls=[/*] order=-9900, requestContextFilter urls=[/*] order=-105
2020-03-29 11:19:10.054 DEBUG 14196 --- [           main] o.s.b.w.s.ServletContextInitializerBeans : Mapping servlets: dispatcherServlet urls=[/]
2020-03-29 11:19:10.495  INFO 14196 --- [           main] o.s.s.concurrent.ThreadPoolTaskExecutor  : Initializing ExecutorService 'applicationTaskExecutor'
2020-03-29 11:19:10.507 DEBUG 14196 --- [           main] s.w.s.m.m.a.RequestMappingHandlerAdapter : ControllerAdvice beans: 0 @ModelAttribute, 0 @InitBinder, 1 Reque
BodyAdvice, 1 ResponseBodyAdvice
2020-03-29 11:19:10.585 DEBUG 14196 --- [           main] s.w.s.m.m.a.RequestMappingHandlerMapping : 12 mappings in 'requestMappingHandlerMapping'
2020-03-29 11:19:10.650 DEBUG 14196 --- [           main] o.s.w.s.handler.SimpleUrlHandlerMapping  : Patterns [/webjars/**, /**] in 'resourceHandlerMapping'
2020-03-29 11:19:10.672 DEBUG 14196 --- [           main] .m.m.a.ExceptionHandlerExceptionResolver : ControllerAdvice beans: 0 @ExceptionHandler, 1 ResponseBodyAdvice
2020-03-29 11:19:10.838  INFO 14196 --- [           main] o.s.b.w.embedded.tomcat.TomcatWebServer  : Tomcat started on port(s): 9000 (http) with context path ''
2020-03-29 11:19:10.844  INFO 14196 --- [           main] com.newer.work2.Work2Application         : Started Work2Application in 3.1 https://blog.csdn.net/weixin_44864447
```

两种方式上传到云端（这里演示上传到阿里云，有兴趣的小伙伴可以试试上传到腾讯云，类似差不多）

上传到阿里云
pscp path root@ip:/opt

启动
&:后台运行
java -jar path   &

查看
netstat -tap|grep java

上传到腾讯云
pscp path ubuntu@ip

启动
&:后台运行
java -jar path   &

查看
sudo netstat -tap|grep java

上传到阿里云

```
pscp path root@ip:/opt
```

通过终端远程连接阿里云，查看是否上传成功（我上传的在opt文件夹下）

后台运行hr.jar

浏览器查看是否获得数据

```
你自己的阿里云公网ip:9000/api/v1/dept
```

通过浏览器可以看到Spring Boot打包的数据（已经连接云端数据库的），关于Spring Boot如何连接云端数据库的操作，感兴趣的小伙伴可以去我的其他博客看看，

阿里云上查看到的数据

[{"id":2,"name":"开发","loc":"北京"},{"id":3,"name":"测试","loc":"上海"}]

本地的数据

[{"id":2,"name":"开发","loc":"北京"},{"id":3,"name":"测试","loc":"上海"}]

因此通过这些操作，我们可以实现前后端分离操作开发。有疑问的小伙伴欢迎留言，也希望大佬们不吝赐教！！！