

Spring boot应用部署到Azure

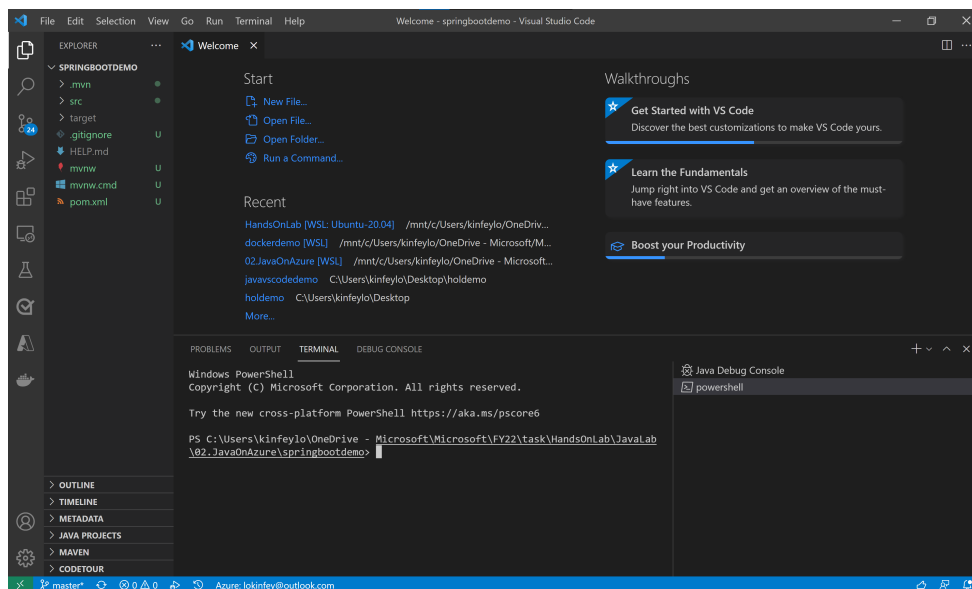


Spring 支持快速部署到Azure,你可以用Azure App Service的方式或者Azure容器的方式以及Azure Spring Cloud 的方式快速部署应用。

注意：在部署前，还是建议安装好Azure CLI 你可以回到安装环境的步骤看看如何配置好Azure CLI。

我们用户之前实验一创建的Spring boot应用程序，做一个最简单的App Service 部署。

1. 通过Visual Studio Code打开命令行，进入PowerShell 环境



2. 在命令行输入以下命令对你的应用进行打包

```
.\mvnw package
```

打包成功后，通过运行jar包，检查是否打包成功

```
.\mvnw package
```

3. 在本地安装mvn(<https://maven.apache.org/download.cgi>)

4. 添加azure webpp 的引用

```
mvn com.microsoft.azure:azure-webapp-maven-plugin:1.12.0:config
```

做相应配置

```
Define value for pricingTier [P1v2]:
  1: B1
  2: B2
  3: B3
  4: D1
  5: F1
* 6: P1v2
  7: P2v2
  8: P3v2
  9: S1
 10: S2
 11: S3
Enter your choice: 1
Define value for javaVersion [Java 8]:
* 1: Java 8
  2: Java 11
Enter your choice: 2
Please confirm webapp properties
Subscription Id : 
AppName : 
ResourceGroup : 
Region : 
PricingTier : 
OS : Linux
Java : Java 11
Web server stack: Java SE
Deploy to slot : false
Confirm (Y/N) [Y]: y
[INFO] Saving configuration to pom.
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 01:40 min
[INFO] Finished at: 2021-08-31T19:52:47+08:00
[INFO] -----
```

5. 部署

```
mvn package com.microsoft.azure:azure-webapp-maven-
plugin:1.12.0:deploy
```

02.PublishToAzure - 31 August 2021

```

:: Spring Boot ::                (v2.5.4)

2021-08-31 19:54:58.876 INFO 12296 --- [main] c.j.s.SpringbootdemoApplicationTests : Starting SpringbootdemoApplicationTests using Java 11.0.12 on cn-kinfeylo-802 with PID 12296 (started by lokinfeiy in /mnt/c/Users/kinfeylo/OneDrive - Microsoft/Microsoft/FY22/task/HandsOnLab/JavaLab/02.JavaOnAzure/springbootdemo)
2021-08-31 19:54:58.880 INFO 12296 --- [main] c.j.s.SpringbootdemoApplicationTests : No active profile set, falling back to default profiles: default
2021-08-31 19:55:04.102 INFO 12296 --- [main] c.j.s.SpringbootdemoApplicationTests : Started SpringbootdemoApplicationTests in 6.407 seconds (JVM running for 8.827)
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 9.096 s - in com.javahol.springbootdemo.SpringbootdemoApplicationTests
[INFO] Results:
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[INFO] --- maven-jar-plugin:3.2.0:jar (default-jar) @ springbootdemo ---
[INFO] Building jar: /mnt/c/Users/kinfeylo/OneDrive - Microsoft/Microsoft/FY22/task/HandsOnLab/JavaLab/02.JavaOnAzure/springbootdemo/target/springbootdemo-0.0.1-SNAPSHOT.jar
[INFO]
[INFO] --- spring-boot-maven-plugin:2.5.4:repackage (repackage) @ springbootdemo ---
[INFO] Replacing main artifact with repackaged archive
[INFO]
[INFO] --- azure-maven-plugin:1.12.0:deploy (default-cli) @ springbootdemo ---
[WARNING] The POM for com.microsoft.azure.applicationinsights.v2015_05_01:azure-ngmt-insights:jar:1.0.0-beta is invalid, transitive dependencies (if any) will not be available, enable debug logging for more details
[INFO] Auth type : AZURE_CLI, Auth Files : [/home/lokinfeiy/.azure/azureProfile.json, /home/lokinfeiy/.azure/accessTokens.json]
[INFO] Correlation ID : 1c1e1d1f-4000-4000-8000-000000000000
[INFO] Subscription : 1c1e1d1f-4000-4000-8000-000000000000
[INFO] Target Web App doesn't exist. Creating a new one...
[INFO] Creating App Service Plan 'ServicePlanC497dba-be0f0-4e51'...
[INFO] Successfully created App Service Plan.
```

稍等片刻

← → ↻  springbootdemo-1630410752775.azurewebsites.net/api/getInfo/azure

Hi ,azure