



链滴

# IBM CLOUD 平台, Cloud Foundry 使用

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原文链接: <https://ld246.com/article/1535474164625>

来源网站: [链滴](#)

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

ibm cloud 注册地址: <https://console.bluemix.net/registration/>  
如何获取试用请参考我之前的帖子。

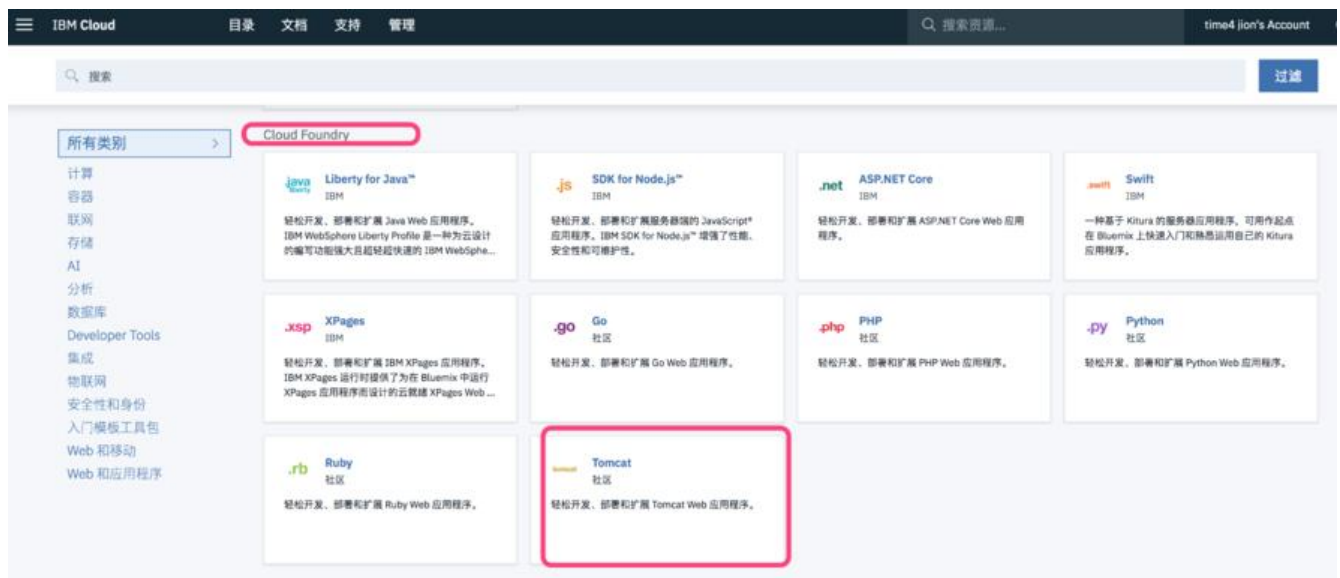
## IBM 说明文档:

<https://console.bluemix.net/docs/runtimes/tomcat/eclipseTomcat.html#-i-m-eclipse-tools-for-ibm-cloud-tomcat->

<https://console.bluemix.net/docs/manageapps/eclipsetools/eclipsetools.html>

Cloud Foundry配置登录参考文档: [https://console.bluemix.net/docs/ia/login\\_fedid.html#federated\\_id](https://console.bluemix.net/docs/ia/login_fedid.html#federated_id)

## 以tomcat 开发为例



## eclipseEE jdk8

Eclipse Marketplace

Select solutions to install. Press Install Now to proceed with installation.  
Press the "more info" link to learn more about a solution.

Search Recent Popular Favorites **Installed** Eclipse Newsletter: Boot & Build Eclip...


**Eclipse Marketplace Client 1.7.0**  
The Eclipse Marketplace Client is a rich client solution for installing solutions listed on Eclipse Marketplace directly from an Eclipse Installation. The... [more info](#)  
by Eclipse.org, EPL  
[installation](#) [marketplace](#) [MPC](#) [p2](#) [Plugins](#)  
★ 27 Installs: 32 (3 last month) Uninstall

**Eclipse Tools for Cloud Foundry 1.2.0**  
This listing installs support into Eclipse Tools for Cloud Foundry, the industry's first open platform as a service. A Java 8 Execution Environment is required.... [more info](#)  
by Pivotal, IBM, EPL  
[spring](#) [Cloud](#) [paas](#) [java](#) [paas](#) [cloudfoundry](#)  
★ 70 Installs: 26.1K (97 last month) Uninstall

**EGit - Git Integration for Eclipse 4.6.0**  
EGit is the Git integration for Eclipse. Git is a distributed versioning system, which means every developer has a full copy of all history of every revision of... [more info](#)  
by Eclipse.org, EPL  
[egit](#) [jgit](#) [git](#) [dvcs](#) [scm](#) ...  
★ 896 Installs: 496K (1,110 last month) Update

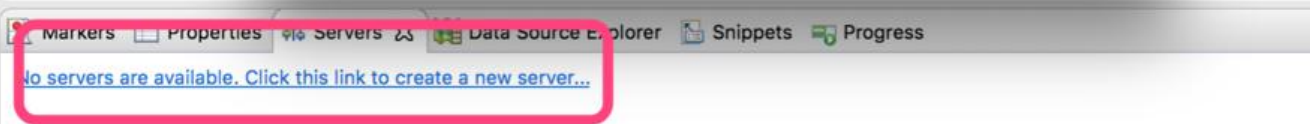
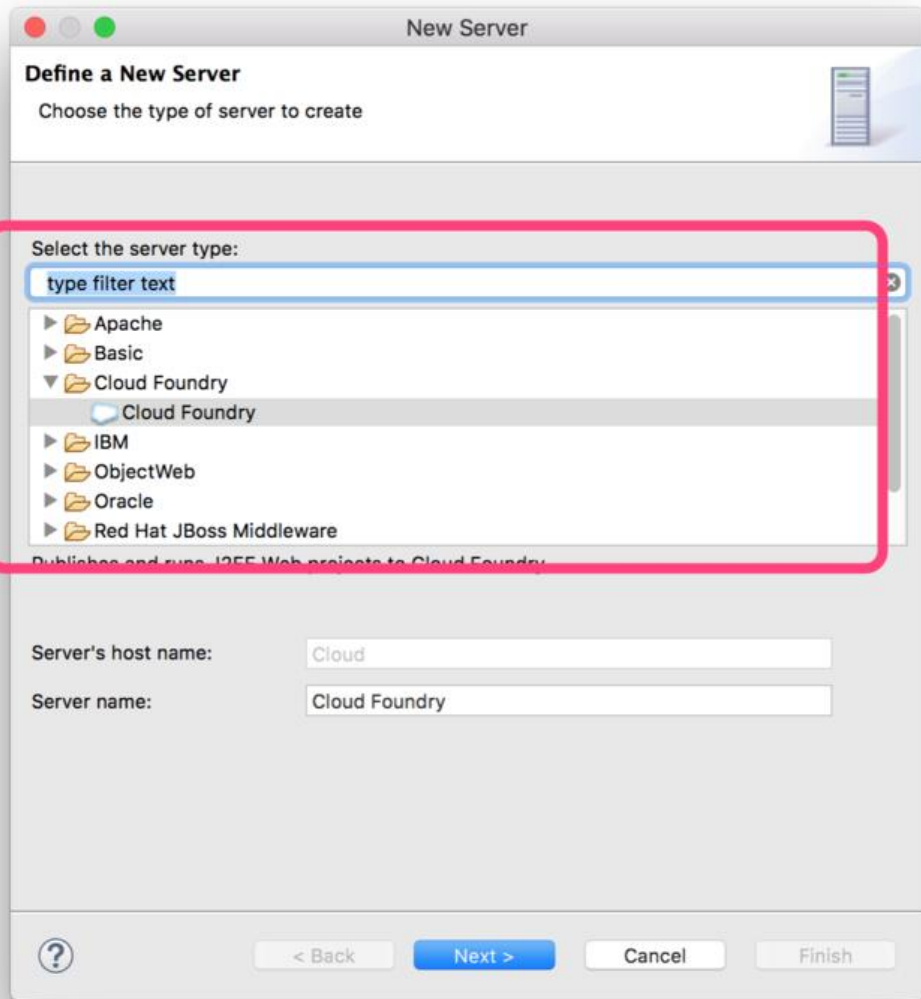
**TM Terminal 4.0 20150430 (Mars M7)**

**Marketplaces**



? < Back Install Now > Cancel Finish

配置一个server,选Cloud Foundry



## Cloud Foundry配置 用户名密码登录

登录这前要设置一下Manage Cloud

New Server

### Cloud Foundry Account

**i** Select a Cloud Foundry URL

Account Information

Use a one-time password to login (SSO)

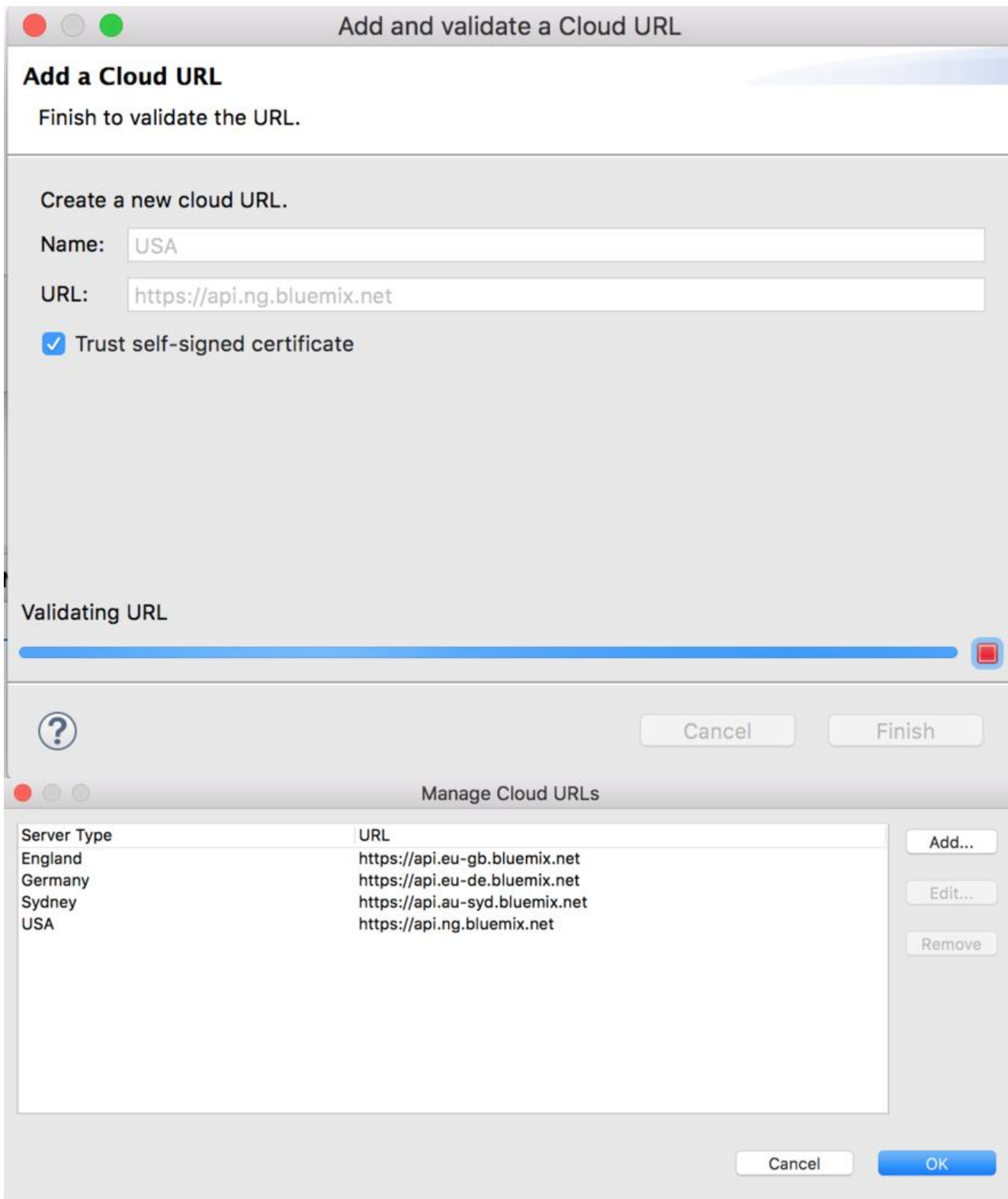
Email:

Password:

URL:

设置 API 端点，方法是将替换为您区域的端点，这个和工程部署到哪个区有关。

- > 美国南部 <https://api.ng.bluemix.net>
- > 英国 <https://api.eu-gb.bluemix.net>
- > 悉尼 <https://api.au-syd.bluemix.net>
- > 法兰克福 <https://api.eu-de.bluemix.net>



### Cloud Foundry Account

Press 'Validate Account', 'Next', 'Finish' to validate credentials.

#### Account Information

Use a one-time password to login (SSO)

Email:

Password:

URL:

Germany - https://api.eu-de Bluemix.net

Manage Cloud...

Validate Account

Sign Up

验证一下，用户名密码是否正确

选一个

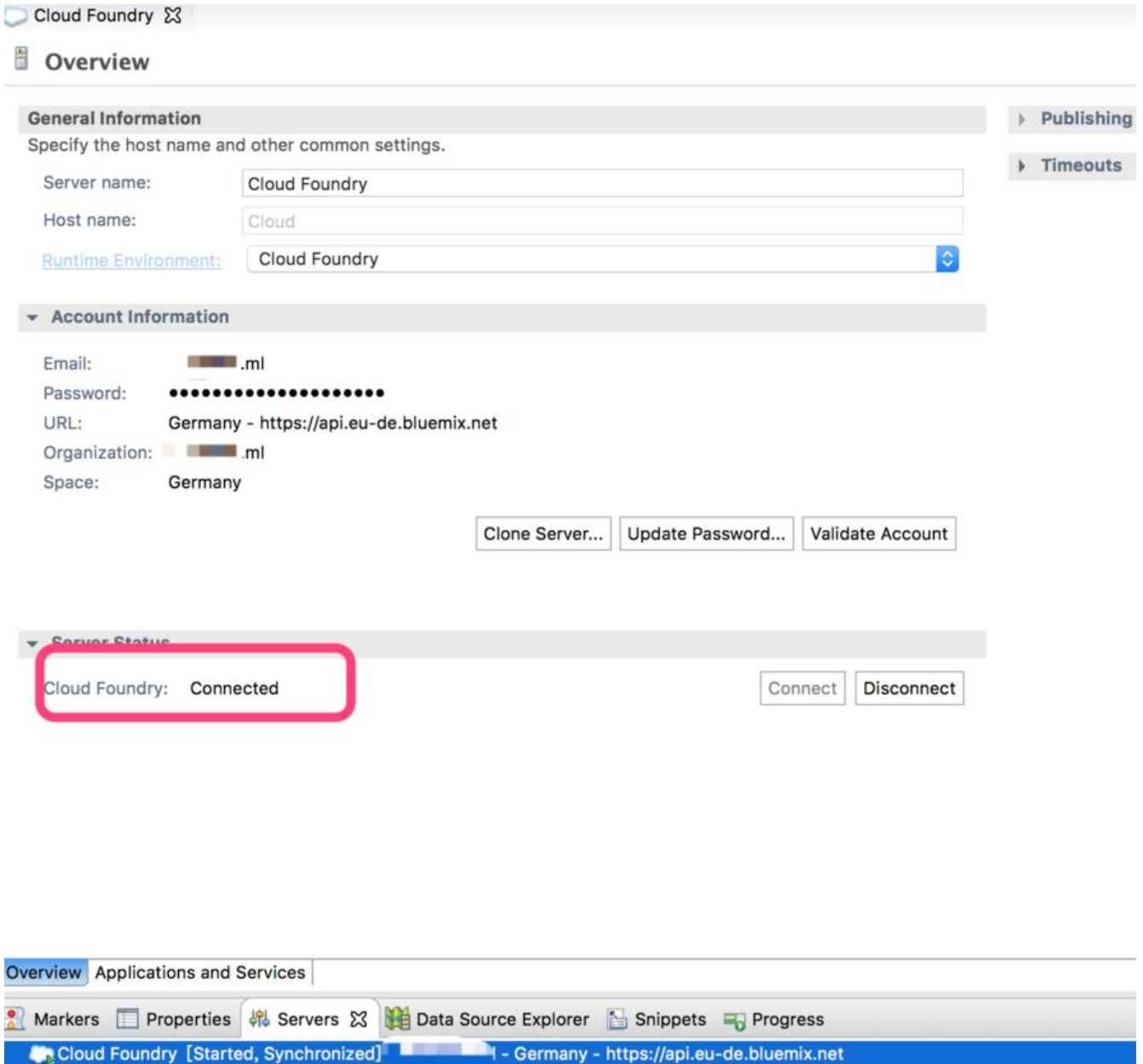


< Back

Next >

Cancel

Finish



**环境已经配置好**

**新建项目**



← 全部查看

## 创建 Cloud Foundry 应用程序

轻量 · 社区

### Tomcat

轻松开发、部署和扩展 Tomcat Web 应用程序。

[查看文档](#) [条款](#)

版本: 3.1.3  
类型: 应用程序  
位置: 悉尼, 德国, 英国, 美国东部, 美国南部

**API端点** →

应用程序名称: hacpai 自定义

主机名: hacpai      域: eu-de.mybluemix.net 部署好可以用户这个域名访问可惜被墙了

选择要在其中部署的区域/位置: 德国      选择组织: a2@6vip.ml      选择空间: Germany

#### 价格套餐

显示以下国家或地区的每月价格: [法国](#)

套餐	特色	定价
✓ 默认值	30 天免费运行一个或多个应用程序 (375 GB-小时免费, 在 Bring Your Buildpack 和 Community 运行时之间共享)。  这是 IBM Bluemix Platform 运行时的服务套餐。	€0.0526 EUR/GB-Hour

需要帮助吗? [请联系 IBM Cloud 支持人员](#) | [估算每月成本](#) | [成本计算器](#) | €0.0526 EUR/GB-Hour [创建](#)

下载模板程序 <https://github.com/IBM-Cloud/get-started-tomcat>

### Source Git Repository



Enter the location of the source repository.

#### Location

URI:

Host:

Repository path:

#### Connection

Protocol:

Port:

#### Authentication

User:

Password:

Store in Secure Store

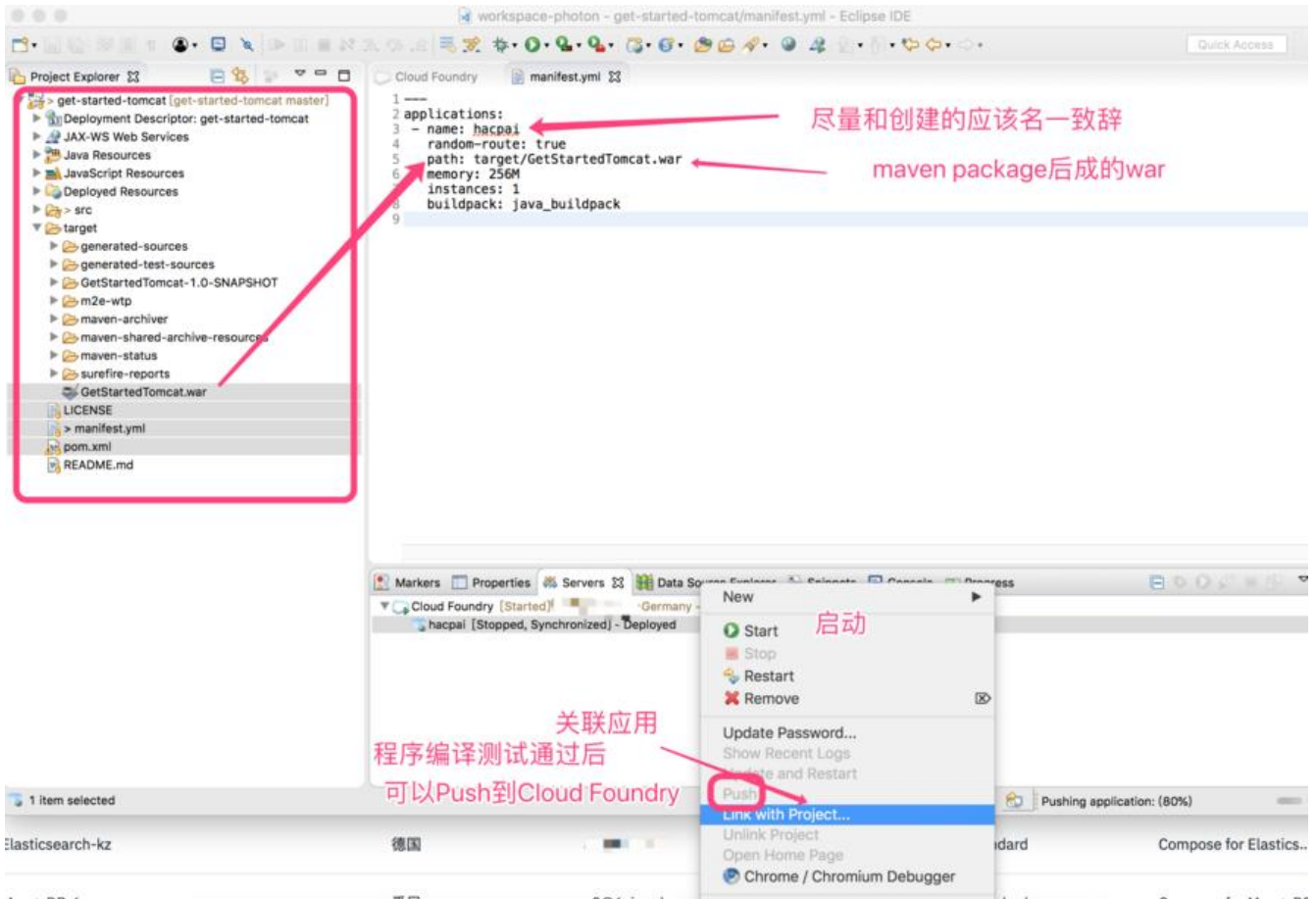


< Back

Next >

Cancel

Finish



## 6. Developing in Eclipse

IBM® Eclipse Tools for IBM Cloud provides plug-ins that can be installed into an existing Eclipse environment to assist in integrating the developer's integrated development environment (IDE) with IBM Cloud.

Download and install [IBM Eclipse Tools for IBM Cloud](#).

Import this sample into Eclipse using `File -> Import -> Maven -> Existing Maven Projects` option.

Create a Tomcat server definition:

- In the `Servers` view right-click -> `New -> Server`.
- Select `Apache -> Tomcat v8.0 Server`.
- Choose your `tomcat-install-dir`.
- Continue the wizard with default options to Finish.

Run your application locally on the Apache server:

- Right click on the `GetStartedTomcat` sample and select `Run As -> Run on Server` option.
- Find and select the localhost Tomcat server and press Finish.
- In a few seconds, your application should be running at <http://localhost:8080/GetStartedTomcat/>

Create a IBM Cloud server definition:

- In the `Servers` view, right-click -> `New -> Server`.
- Select `IBM -> IBM Bluemix` and follow the steps in the wizard.
- Enter your credentials and click `Next`
- Select your `org` and `space` and click `Finish`

Run your application on IBM Cloud:

- Right click on the `GetStartedTomcat` sample and select `Run As -> Run on Server` option.
- Find and select the `IBM Bluemix` and press Finish.
- A wizard will guide you with the deployment options. Be sure to choose a unique `Name` for your application.
- In a few minutes, your application should be running at the URL you chose.

Now you have run your code locally and on the cloud!

The IBM Eclipse Tools for IBM Cloud provides many powerful features such as incremental updates, remote debugging, pushing packaged servers, etc. [Learn more](#)