# VS Code+Maven+Tomcat

## 下载

- jdk https://www.oracle.com/java/technologies/javase/javase-jdk8-downloads.html
- vs code https://code.visualstudio.com/
- maven https://mirrors.bfsu.edu.cn/apache/maven/maven-3/3.6.3/binaries/apache-maven-3.6.3-bin.zip
- tomcat https://mirror.bit.edu.cn/apache/tomcat/tomcat-9/v9.0.37/bin/apache-tomcat-9.0.37.zip

## 配置环境变量

- jdk
  - CLASSPATH .;%JAVA_HOME%\lib\dt.jar;%JAVA_HOME%\lib\tools.jar
  - JAVA_HOME C:\Program Files\Java\jdk1.8.0_251
  - PATH %JAVA_HOME%\bin;%JAVA_HOME%\jre
- maven
  - MAVEN_HOME D:\Program Files\apache-maven-3.6.3
  - PATH %MAVEN_HOME%\bin
- tomcat
  - CATALINA_HOME D:\Program Files\apache-tomcat-9.0.37
  - PATH %TOMCAT_NAME%\bin

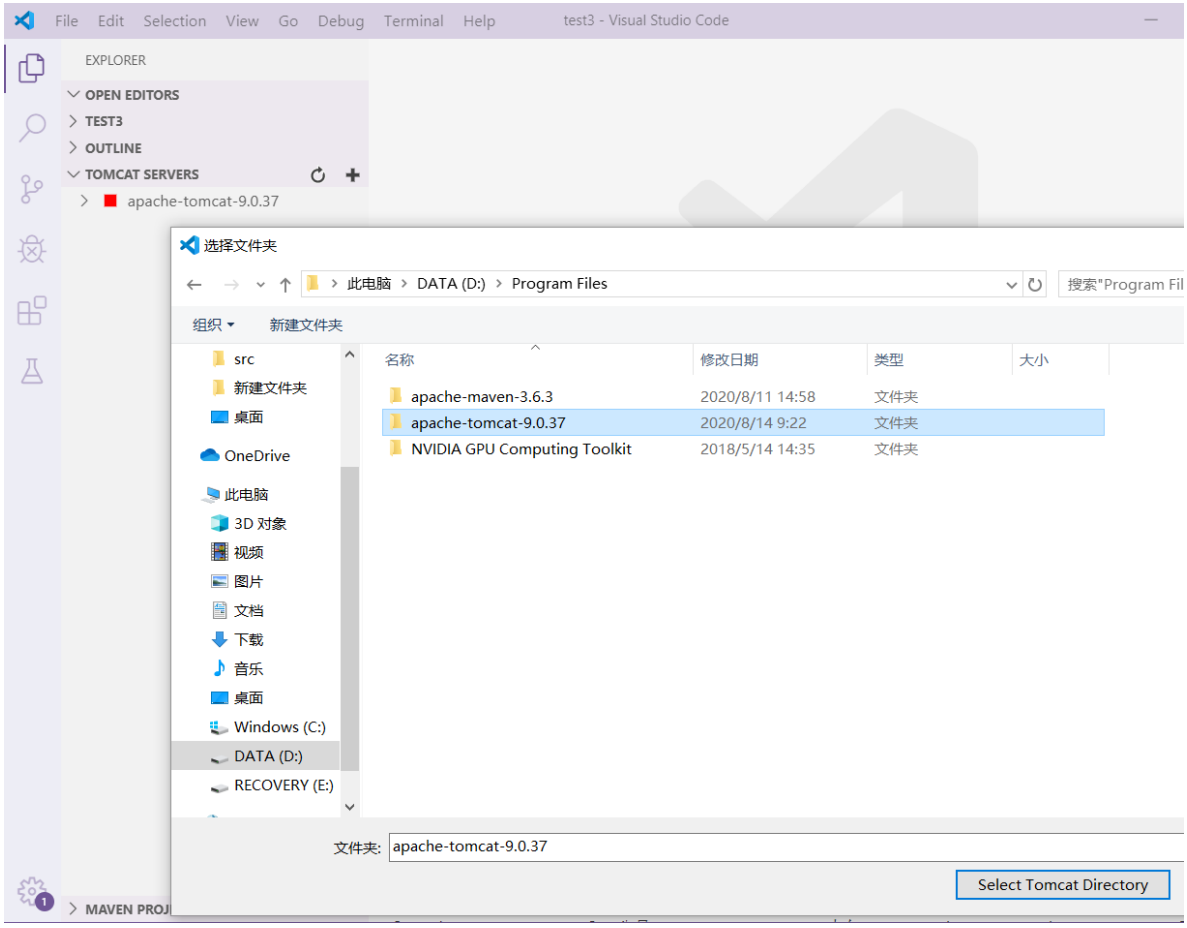
## vs code 安装如下插件

- Java Extension Pack
- Tomcat for Java

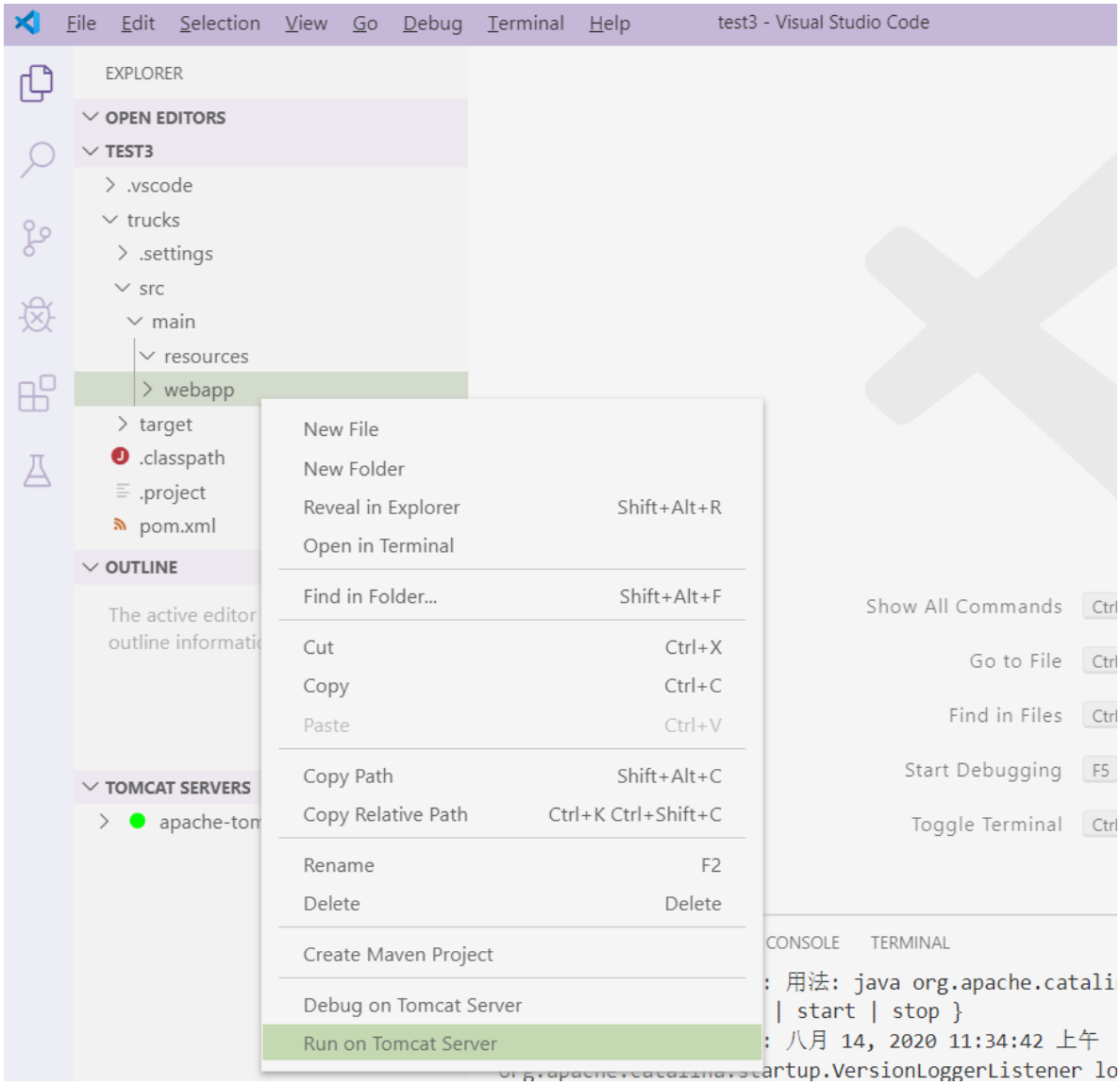
## 创建项目

- mvn archetype:generate "-DgroupId=com.companyname.bank" "-DartifactId=consumerBanking" "-DarchetypeArtifactId=maven-archetype-quickstart" "-DinteractiveMode=false"
- mvn archetype:generate "-DgroupId=com.companyname.automobile" "-DartifactId=trucks" "-DarchetypeArtifactId=maven-archetype-webapp" "-DinteractiveMode=false"

## 添加Tomcat


File Edit Selection View Go Debug Terminal Help
test3 - Visual Studio Code
EXPLORER
OPEN EDITORS
TEST3
OUTLINE
TOMCAT SERVERS
apache-tomcat-9.0.37
选择文件夹
此电脑 › DATA (D:) › Program Files
搜索"Program Fil
组织
新建文件夹
src
新建文件夹
桌面
OneDrive
此电脑
3D 对象
视频
图片
文档
下载
音乐
桌面
Windows (C:)
DATA (D:)
RECOVERY (E:)
名称
修改日期
类型
大小
apache-maven-3.6.3 2020/8/11 14:58 文件夹
apache-tomcat-9.0.37 2020/8/14 9:22 文件夹
NVIDIA GPU Computing Toolkit 2018/5/14 14:35 文件夹
文件夹: apache-tomcat-9.0.37
Select Tomcat Directory
MAVEN PROJ

# 在Tomcat上运行


File Edit Selection View Go Debug Terminal Help
test3 - Visual Studio Code
EXPLORER
OPEN EDITORS
TEST3
.vscode
trucks
.settings
src
main
resources
webapp
target
.classpath
.project
pom.xml
OUTLINE
The active editor
outline informati
TOMCAT SERVERS
apache-tom
New File
New Folder
Reveal in Explorer Shift+Alt+R
Open in Terminal
Find in Folder... Shift+Alt+F
Cut Ctrl+X
Copy Ctrl+C
Paste Ctrl+V
Copy Path Shift+Alt+C
Copy Relative Path Ctrl+K Ctrl+Shift+C
Rename F2
Delete Delete
Create Maven Project
Debug on Tomcat Server
Run on Tomcat Server
Show All Commands Ctrl
Go to File Ctrl
Find in Files Ctrl
Start Debugging F5
Toggle Terminal Ctrl
CONSOLE TERMINAL
: 用法: java org.apache.catali
| start | stop }
: 八月 14, 2020 11:34:42 上午
startup.VersionLoggerListener lo