



plantUML安装使用总结

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1. 所需环境：

- JDK(Java SE Development Kit)
- homeBrew
- graphviz
- PlantUML

2. 安装使用步骤

2.1 JDK

下载地址: [JDK 17](#)

注：Arm64架构另选对应的包

Linux	macOS	Windows
Product/file description		
File size		
Download		
Arm 64 Compressed Archive	166.72 MB	https://download.oracle.com/java/17/latest/jdk-17_macos-aarch64_bin.tar.gz (sha256 🔗)
Arm 64 DMG Installer	166.11 MB	https://download.oracle.com/java/17/latest/jdk-17_macos-aarch64_bin.dmg (sha256 🔗)
x64 Compressed Archive	169.24 MB	https://download.oracle.com/java/17/latest/jdk-17_macos-x64_bin.tar.gz (sha256 🔗)
x64 DMG Installer	168.64 MB	https://download.oracle.com/java/17/latest/jdk-17_macos-x64_bin.dmg (sha256 🔗)

2.2 homeBrew

后续graphViz插件需要通过homeBrew安装

这里提供一个简洁的脚本，不会存在请求git仓库超时和hosts污染问题：
`/bin/zsh -c "$(curl -fsSL https://gitee.com/cunkai/HomebrewCN/raw/master/Homebrew.sh)"`

2.3 graphViz

渲染库，用来将plantUML脚本转换成图片，plantUML默认的渲染库只能支持时序图和活动图。如果你未安装该渲染库就书写其他类型脚本，预览时会出现如下报错：

```
Dot Executable: null
No dot executable found
Cannot find Graphviz. You should try

@startuml
testdot
@enduml

or

java -jar plantuml.jar -testdot
```

homeBrew安装完后，终端输入：***brew install graphviz***

2.4 PlantUML

vscode 扩展市场搜索安装就好

3. 语法&模版

语法：<https://plantuml.com/zh/sequence-diagram>

模版：<https://real-world-plantuml.com/?type=sequence>

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