# Tools Box

@somkiat

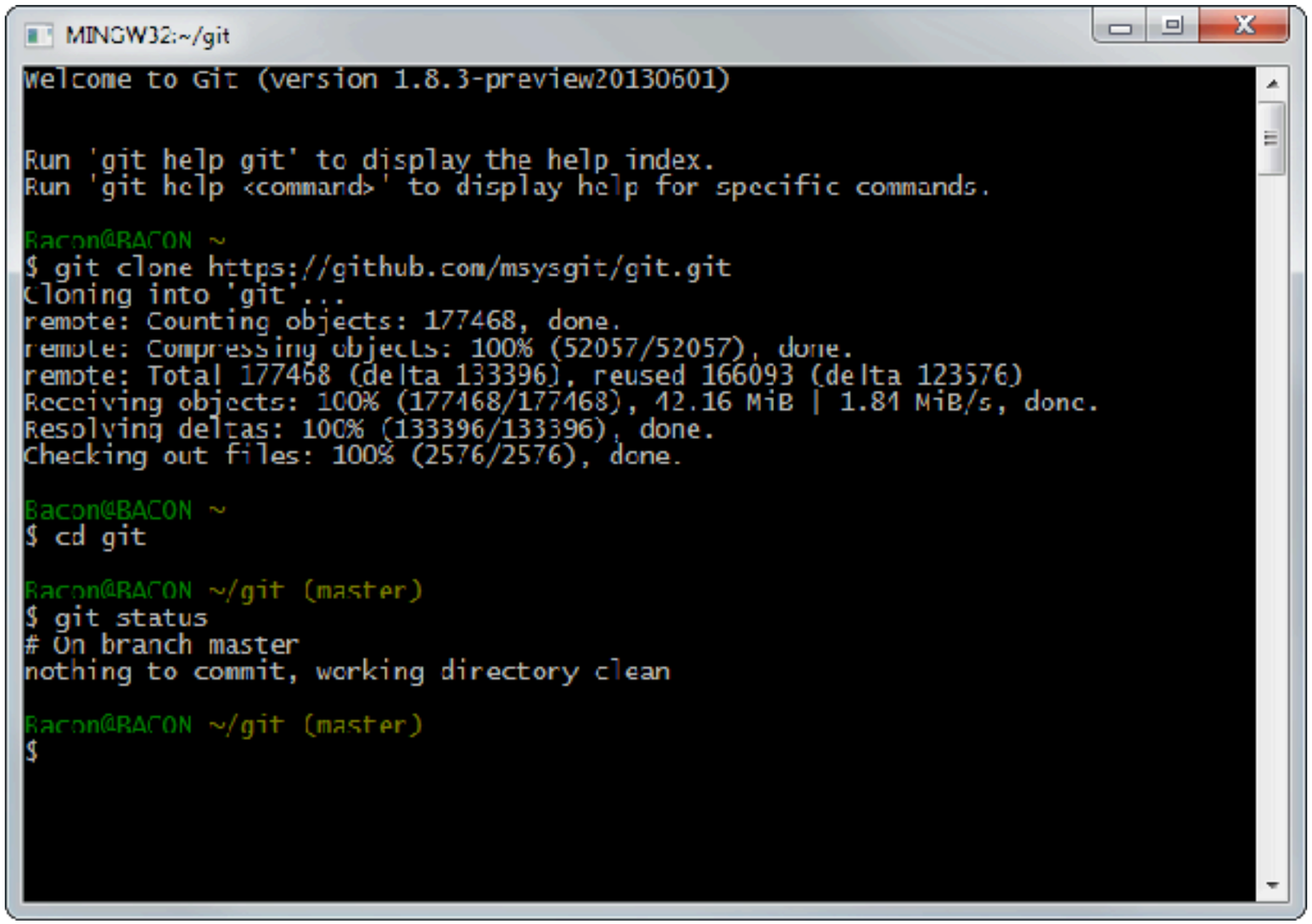
# Version Control

# Git

https://git-scm.com/

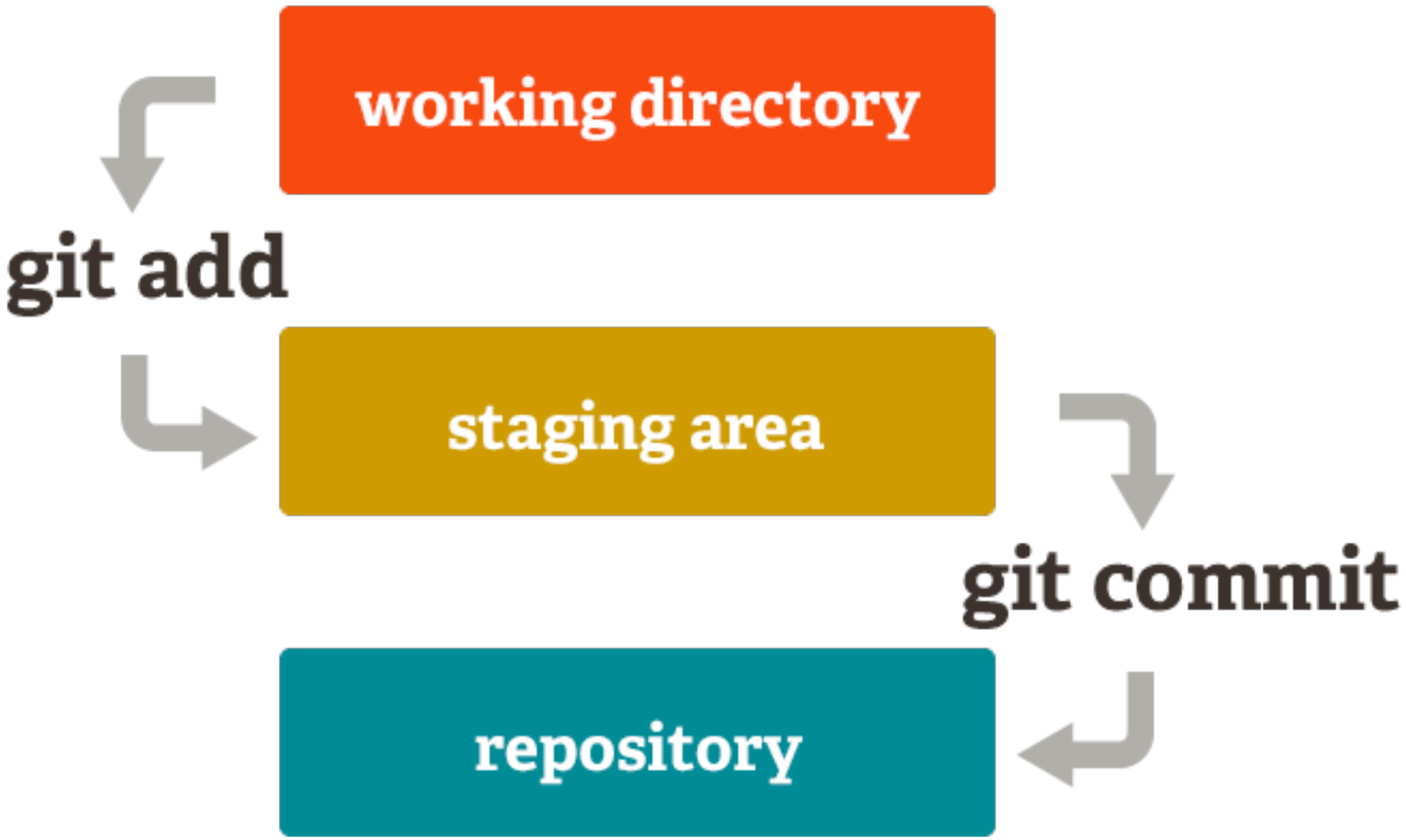
# Git

## Use git-bash



# Hello git

# Git Workflow



# Git commands

git status

git init

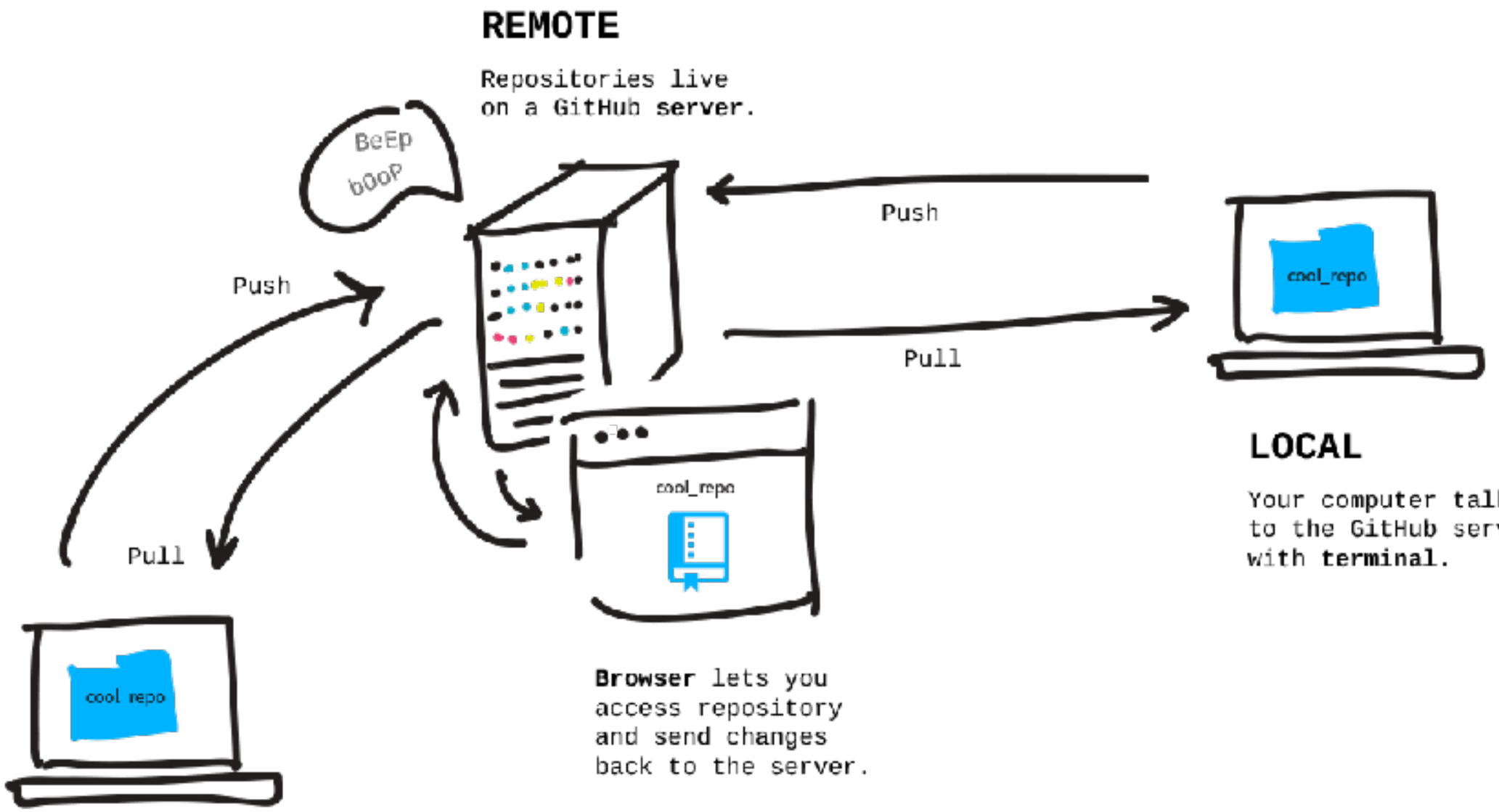
git add

git commit

git push

git pull

# Working with remote



# Github

https://github.com/

# Tools Box

# Java

$java -version

$javac -version

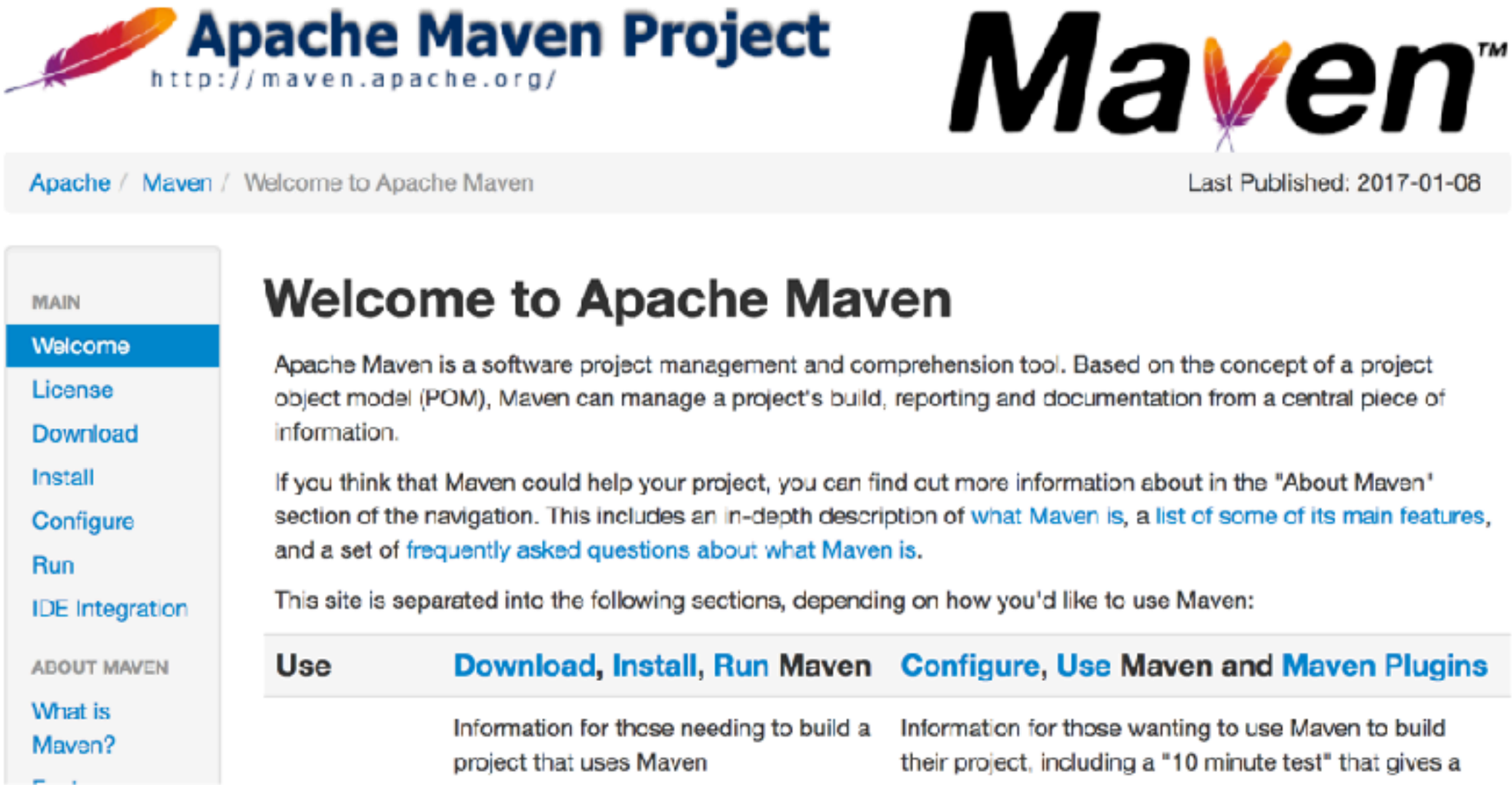
# Java on Windows

set **JAVA_HOME**=<path of jdk>

set **PATH**=.;%JAVA_HOME%\bin;%PATH%

# Apache Maven

https://maven.apache.org/



# Apache Maven

## Download version 3.3.9

| | Link | Checksum |
|---|---|---|
| Binary tar.gz archive | apache-maven-3.3.9-bin.tar.gz | apache-maven-3.3.9-bin.tar.gz.md5 |
| Binary zip archive | apache-maven-3.3.9-bin.zip | apache-maven-3.3.9-bin.zip.md5 |
| Source tar.gz archive | apache-maven-3.3.9-src.tar.gz | apache-maven-3.3.9-src.tar.gz.md5 |
| Source zip archive | apache-maven-3.3.9-src.zip | apache-maven-3.3.9-src.zip.md5 |

# Apache Maven

Extracted and configuration

set **MAVEN_HOME**=<path of maven>

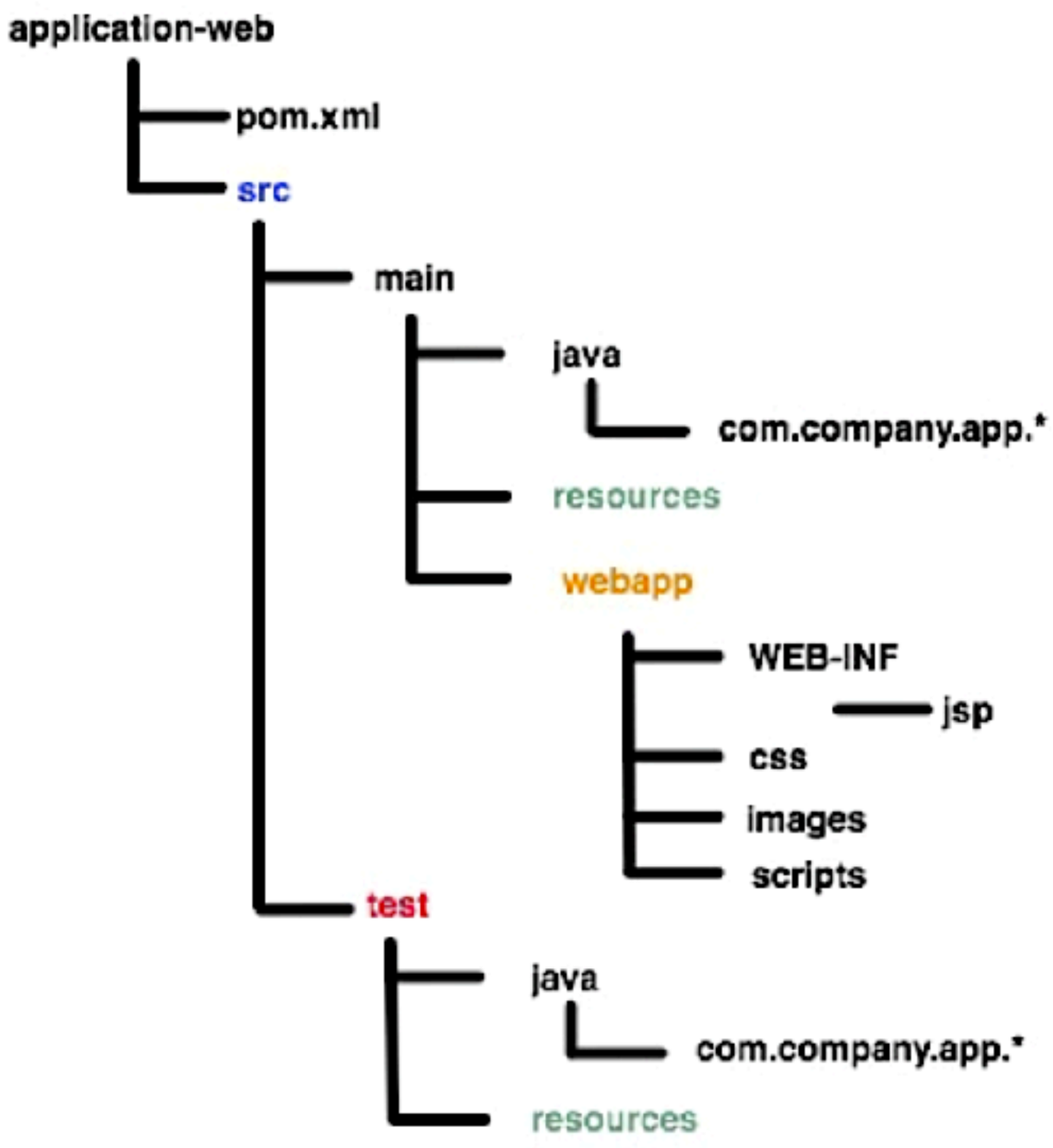
set **PATH**=.;%**MAVEN_HOME**%\bin;%PATH%

# Using maven

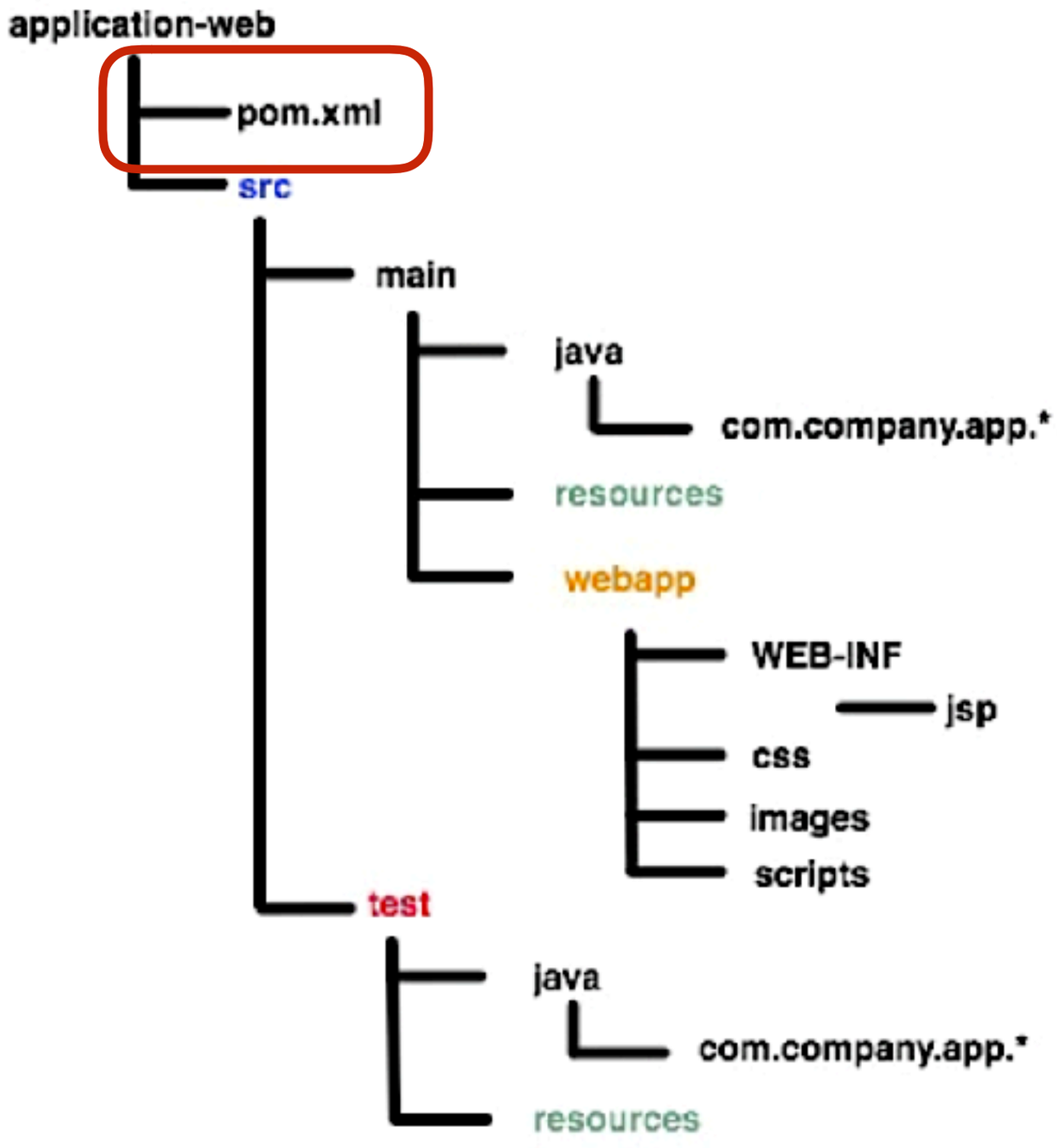
$mvn -version

```
Apache Maven 3.3.9 (bb52d8502b132ec0a5a3f4c09453c07478323dc5; 2015-11-10T23:41:47+07:00)
Maven home: /usr/local/Cellar/maven/3.3.9/libexec
Java version: 1.8.0_40, vendor: Oracle Corporation
Java home: /Library/Java/JavaVirtualMachines/jdk1.8.0_40.jdk/Contents/Home/jre
Default locale: en_US, platform encoding: UTF-8
OS name: "mac os x", version: "10.12.1", arch: "x86_64", family: "mac"
```

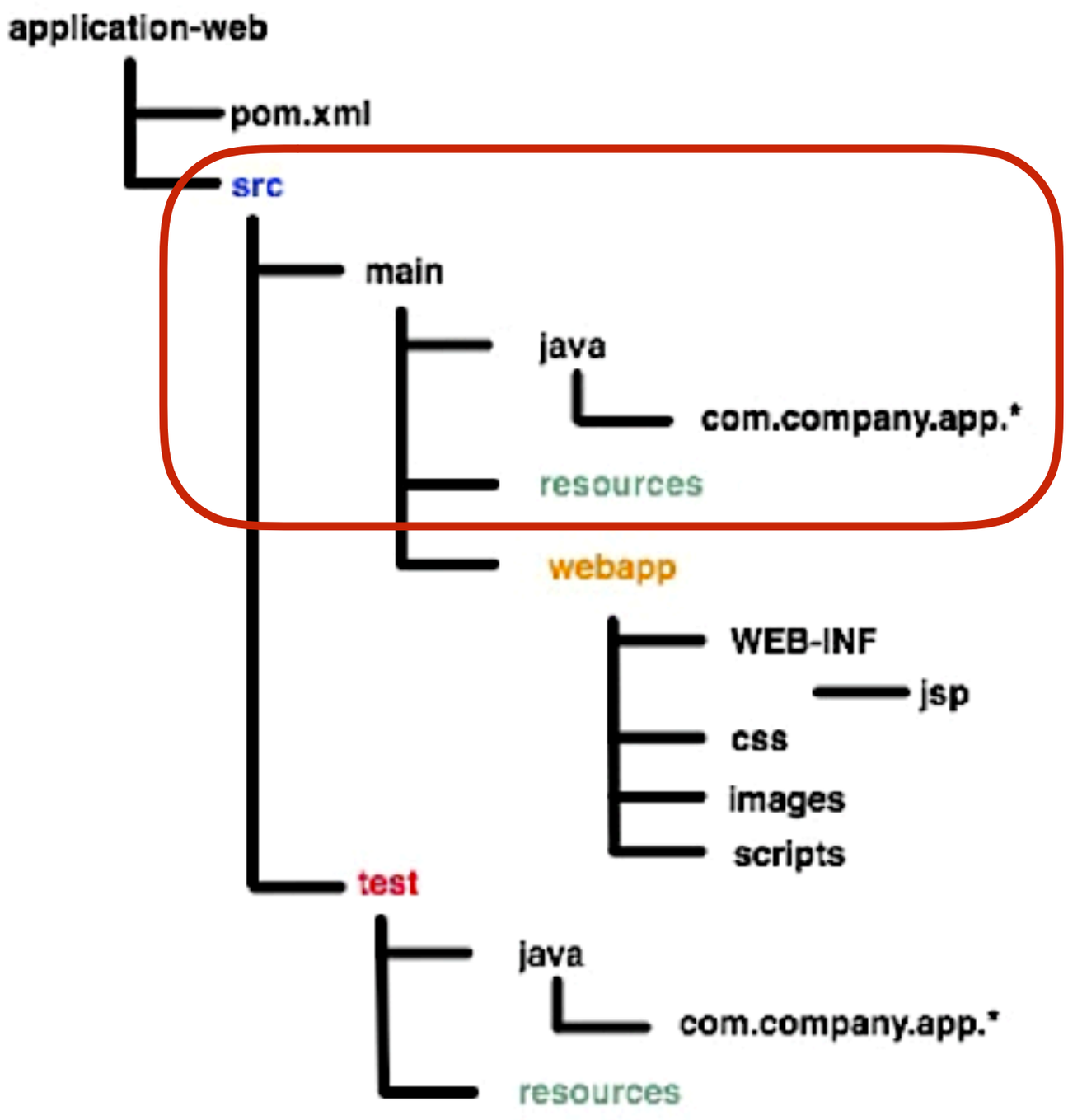
# Maven project structure



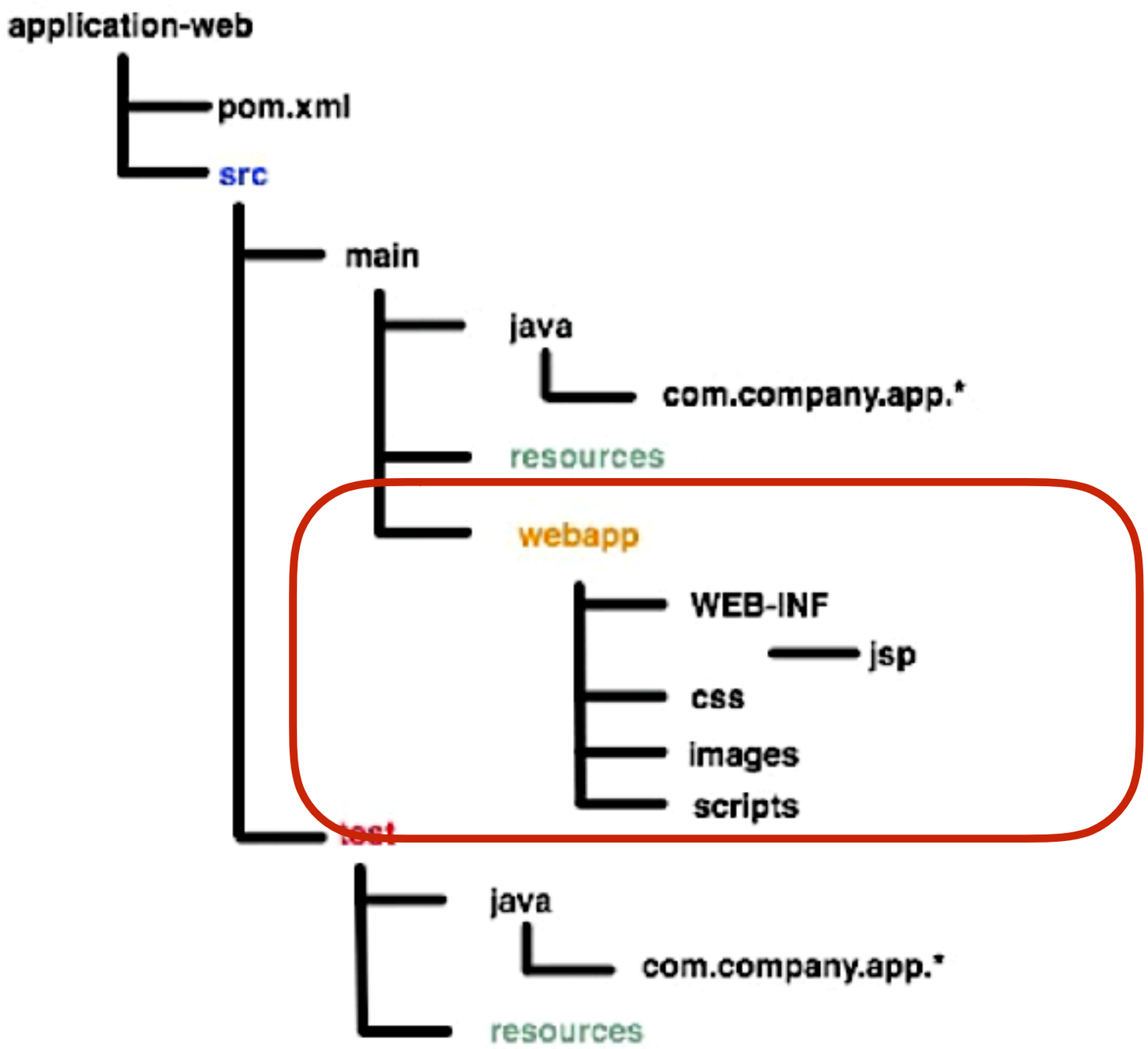
# Maven project structure



# Maven project structure



# Maven project structure



# Try by yourself

$git clone https://github.com/up1/demo-service.git

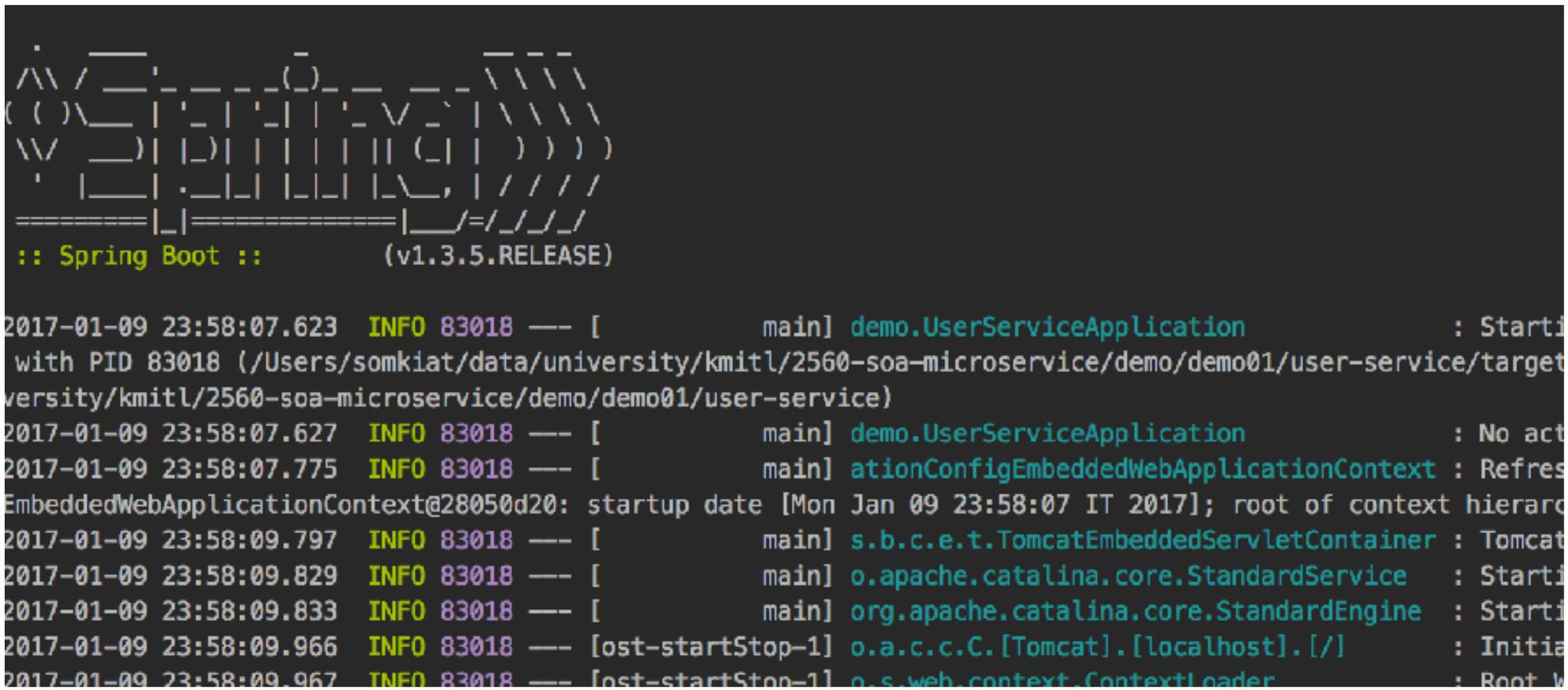
$cd demo-service

$cd user-service

$mvn clean package

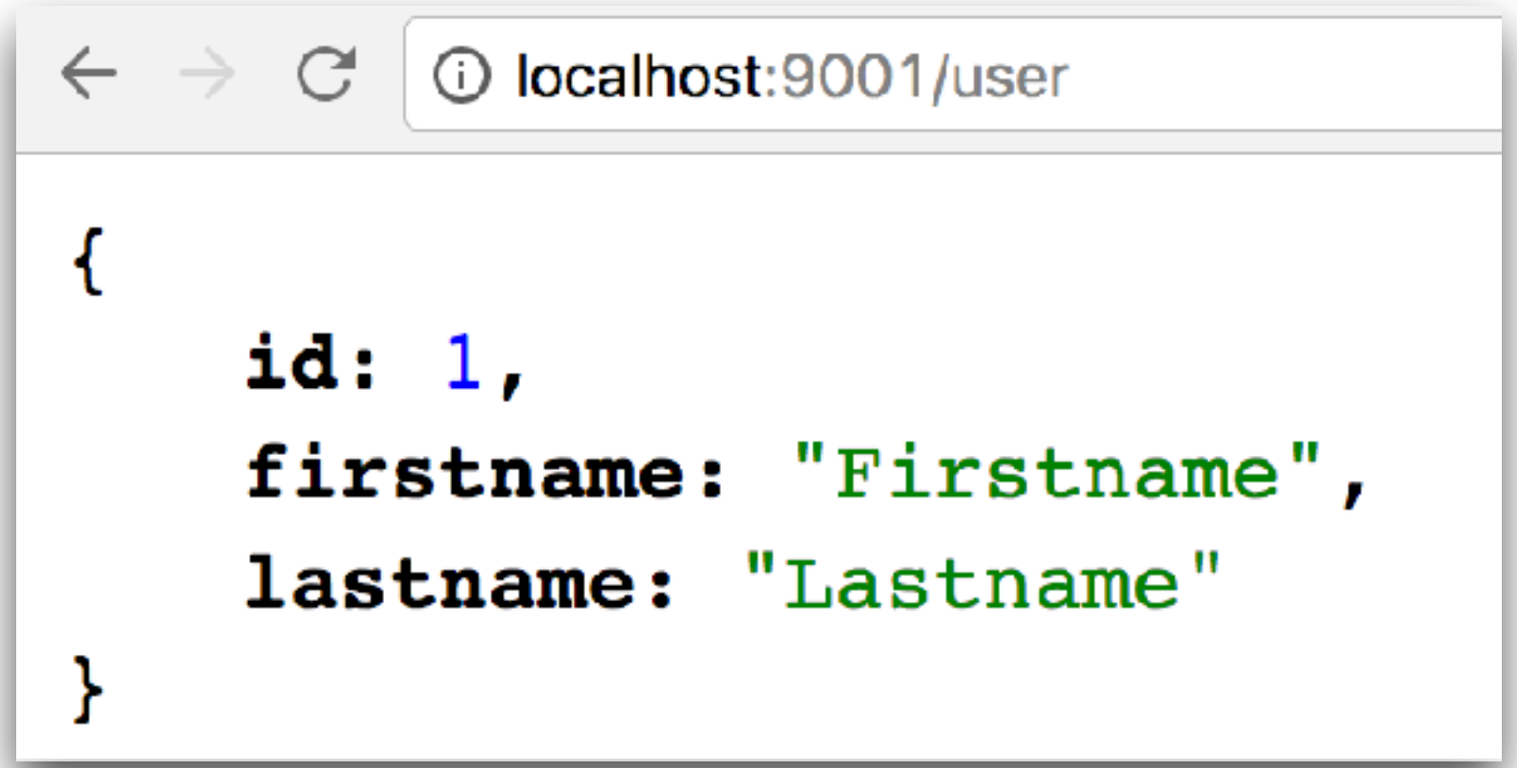
# Try by yourself

$java -jar ./target/user-service.jar



# Try by yourself

http://localhost:9001/user



# First service with