



链滴

Mac 下安装 leiningen

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来源网站: [链滴](#)

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1.leiningen介绍

leiningen是Clojure下的项目构建工具，相当于Java中的Maven。

leiningen安装

方法一：通过Brew进行安装

这是最简单的一种方式，但是如果你的Mac配置的brew源是国外的，或者一些源没有对应的依赖，需要进行切换。

怎么切换对应的brew的源呢，见[brew 切换国内的源](#)

这里把上方的博客内容一些关键的地方进行引用：

```
# 替换brew.git:
cd "$(brew --repo)"
# 中国科大:
git remote set-url origin https://mirrors.ustc.edu.cn/brew.git
# 清华大学:
git remote set-url origin https://mirrors.tuna.tsinghua.edu.cn/git/homebrew/brew.git

# 替换homebrew-core.git:
cd "$(brew --repo)/Library/Taps/homebrew/homebrew-core"
# 中国科大:
git remote set-url origin https://mirrors.ustc.edu.cn/homebrew-core.git
# 清华大学:
git remote set-url origin https://mirrors.tuna.tsinghua.edu.cn/git/homebrew/homebrew-core
git

# 替换homebrew-bottles:
# 中国科大:
echo 'export HOMEBREW_BOTTLE_DOMAIN=https://mirrors.ustc.edu.cn/homebrew-bottles'
> ~/.bash_profile
source ~/.bash_profile
# 清华大学:
echo 'export HOMEBREW_BOTTLE_DOMAIN=https://mirrors.tuna.tsinghua.edu.cn/homebrew
bottles' >> ~/.bash_profile
source ~/.bash_profile

# 应用生效:
brew update
```

方法二：通过官方仓库向导进行安装

打开官网：<https://github.com/technomancy/leiningen>

在仓库主页下方我们可以看到**Installation**，当中有5步，这里翻译出来，粘贴一下

- 1.确保安装了Java;此时建议使用OpenJDK版本8。
- 2.从此项目的稳定分支下载 [Lein脚本](#)。

- 3.将它放在 `$path`。(如果它在路径上, `~/bin`是一个不错的选择。)
- 也就是放在系统变量上, mac上对应也就是`~/.zshrc` 文件
- 4.设置该文件可以被执行 (`chmod +x ~/bin/lein`)
- 5.Run it.

这里需要注意的是, 当运行这个脚本的时候, 可能会抛出一些错误:

通过文件下载失败

打开那个Lein脚本, 你会发现它请求的是对应的一个jar文件, 所以直接在这个命令下进行输出一下 `echo LEIN_URL`然后通过浏览器进行下载

```
function self_install {
  if [ -r "$LEIN_JAR" ]; then
    cat <<-EOS 1>&2
    The self-install jar already exists at $LEIN_JAR.
    If you wish to re-download, delete it and rerun "$0 self-install".
    EOS
    exit 1
  fi
  msg "Downloading Leiningen to $LEIN_JAR now..."
  mkdir -p "${dirname "$LEIN_JAR"}"
  LEIN_URL="https://github.com/technomancy/leiningen/releases/download/$LEIN_VERSION/leiningen-$LEIN_VERSION-standalone.jar"
  HTTP_CLIENT "$LEIN_JAR.pending" "$LEIN_URL"
  local exit_code=$?
  if [ $exit_code == 0 ]; then
    printf "%sLEIN_CHECKSUM %sLEIN_JAR.pending\n" > "$LEIN_JAR.pending.shasum"
    SHASUM_CMD -c "$LEIN_JAR.pending.shasum"
    if [ $? == 0 ]; then
      mv -f "$LEIN_JAR.pending" "$LEIN_JAR"
    else
      got_sum="$(SHASUM_CMD "$LEIN_JAR.pending" | cut -f 1 -d ' ')"
      checksum_failed_message "$LEIN_URL" "$LEIN_CHECKSUM" "$got_sum"
      rm "$LEIN_JAR.pending" 2> /dev/null
      exit 1
    fi
  else

```

手动下载完成之后将jar包放在lein脚本同级目录下的 `./leiningen-2.9.8/self-installs` 下

然后重新执行lein脚本

Error: -classpath requires class path specificatio

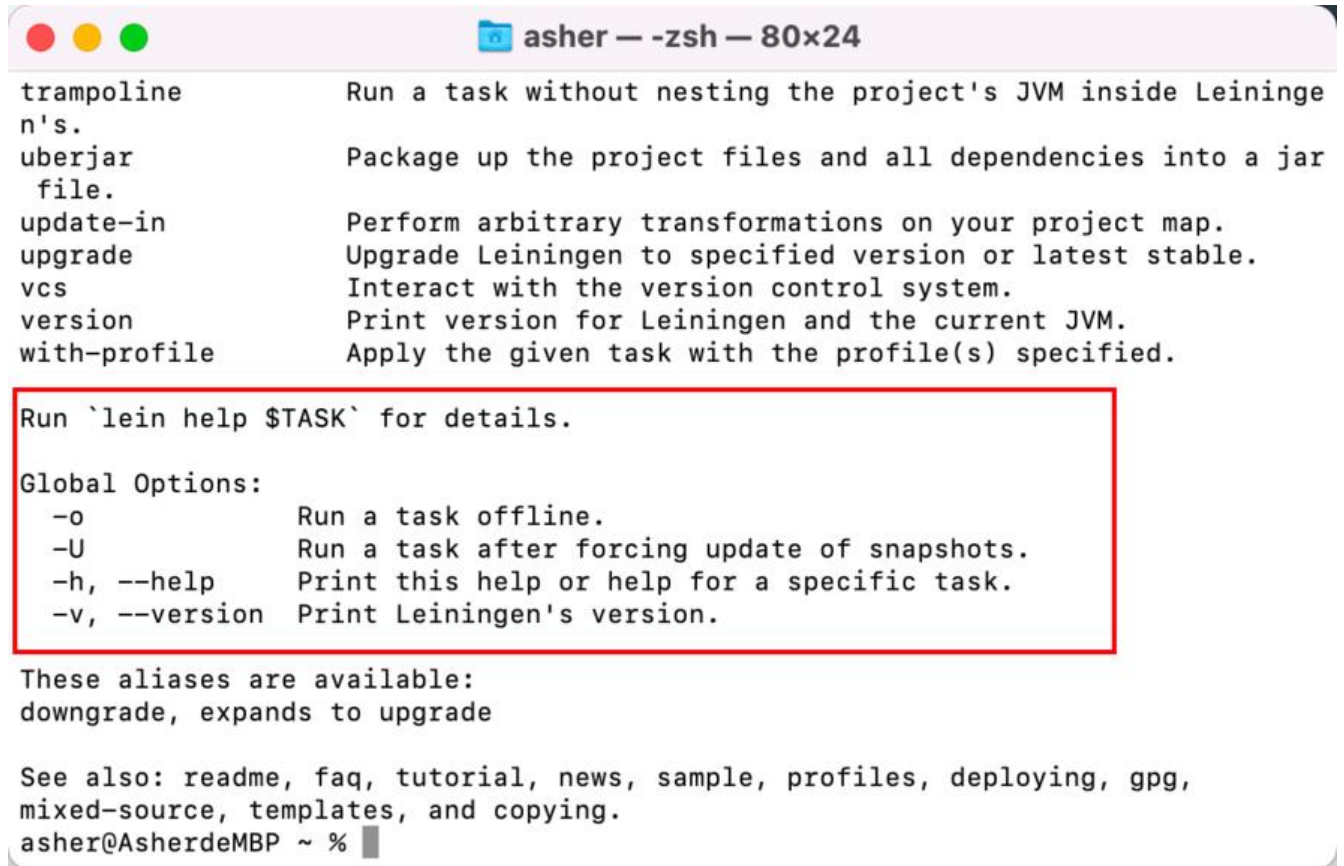
这个导致的原因有可能是脚本这一行没有指定正确的classpath, 将其进行写为固定值, 然后保存进运行

```
if [ -n "$DEBUG" ]; then
  msg "Fast trampoline with $TRAMPOLINE_FILE."
fi
exec sh -c "exec $(cat "$TRAMPOLINE_FILE")"
else
  echo "7.7.1"
  export TRAMPOLINE_FILE
  "$LEIN_JAVA_CMD" \
    -Dfile.encoding=UTF-8 \
    -Dmaven.wagon.http.ssl.easy=false \
    -Dmaven.wagon.rto=10000 \
    $LEIN_JVM_OPTS \
    -Dleiningen.input-checksum="$INPUT_CHECKSUM" \
    -Dleiningen.original.pwd="$ORIGINAL_PWD" \
    -Dleiningen.script="$SCRIPT" \
    -classpath "/Users/***/workspace/software/leiningen/leiningen-2.9.8/self-installs/leiningen-2.9.8-standalone.jar" \
    clojure.main -m leiningen.core.main "$@"
  echo "CLASSPATH: $CLASSPATH"
  echo "TRAMPOLINE_FILE : $TRAMPOLINE_FILE"
  echo "7.7.2"
  EXIT_CODE=$?
  echo "7.7.3"
  if $cygterm ; then
    stty icanon echo > /dev/null 2>&1
  fi
  echo "7.7.4"
  if [ -r "$TRAMPOLINE_FILE" ] && [ "$LEIN_TRAMPOLINE_WARMUP" = "" ]; then
    echo "7.7.4.1"
    TRAMPOLINE="$(cat "$TRAMPOLINE_FILE")"
  fi
fi
```

验证安装成功

重新打开一个终端，然后输入 `lein`

提示：

A terminal window titled "asher — -zsh — 80x24" showing the output of the 'lein' command. The output lists various tasks and their descriptions. A red box highlights the 'Global Options' section. The prompt at the bottom is 'asher@AsherdeMBP ~ %'.

```
trampoline      Run a task without nesting the project's JVM inside Leiningen's.
uberjar          Package up the project files and all dependencies into a jar file.
update-in       Perform arbitrary transformations on your project map.
upgrade         Upgrade Leiningen to specified version or latest stable.
vcs             Interact with the version control system.
version         Print version for Leiningen and the current JVM.
with-profile    Apply the given task with the profile(s) specified.

Run `lein help $TASK` for details.

Global Options:
  -o           Run a task offline.
  -U           Run a task after forcing update of snapshots.
  -h, --help  Print this help or help for a specific task.
  -v, --version Print Leiningen's version.

These aliases are available:
downgrade, expands to upgrade

See also: readme, faq, tutorial, news, sample, profiles, deploying, gpg,
mixed-source, templates, and copying.
asher@AsherdeMBP ~ %
```

表示已经安装完成