

Oracle Java

Finding Java

- Finding Java on your Mac Systems

- You can run the following command:

```
find . -name "java" -type f -exec ls -s {} \; -exec {} -version \; -exec echo "" \;
```

- Found the following applications bundle java...

Finding Java

- Applications that Bundle Java

Adobe Animate CC 2018

Adobe CC/Adobe Animate CC 2018/Adobe Animate CC 2018.app/Contents/jre/jre1.8.0_121.jre/Contents/Home/bin/java

java version "1.8.0_121"

Java(TM) SE Runtime Environment (build 1.8.0_121-b13)

Java HotSpot(TM) 64-Bit Server VM (build 25.121-b13, mixed mode)

Mathematica

Mathematica.app/Contents/SystemFiles/Java/MacOSX-x86-64/bin/java

java version "1.8.0_161"

Java(TM) SE Runtime Environment (build 1.8.0_161-b12)

Java HotSpot(TM) 64-Bit Server VM (build 25.161-b12, mixed mode)

MATLAB R2019a

MATLAB_R2019a.app/sys/java/jre/maci64/jre/bin/java

java version "1.8.0_181"

Java(TM) SE Runtime Environment (build 1.8.0_181-b13)

Java HotSpot(TM) 64-Bit Server VM (build 25.181-b13, mixed mode)

Finding Java

- Applications that Bundle Java

SPSS

SPSS/jre/bin/java

java version "1.8.0_51"

Java(TM) SE Runtime Environment (build 1.8.0_51-b16)

Java HotSpot(TM) 64-Bit Server VM (build 25.51-b03, mixed mode)

Stata

Stata/utilities/java/macosex-x64/jre1.8.0_31/bin/java

java version "1.8.0_31"

Java(TM) SE Runtime Environment (build 1.8.0_31-b13)

Java HotSpot(TM) 64-Bit Server VM (build 25.31-b07, mixed mode)

Finding Java

- Identifying Vendors of Installed Java

```
#!/bin/bash

jdk_installed=$(/usr/libexec/java_home 2>/dev/null)
result=None

if [[ -n "$jdk_installed" ]]; then

    # If an installed JDK is detected, check to see if it's from a known vendor.

    javaJDKVendor=$(defaults read "${jdk_installed%*/}/Info" CFBundleIdentifier | grep -Eo "adoptopenjdk|amazon|apple|azul|openjdk|oracle|sap" | head -1)

    if [[ "$javaJDKVendor" = "adoptopenjdk" ]]; then
        result="AdoptOpenJDK"
    elif [[ "$javaJDKVendor" = "amazon" ]]; then
        result="Amazon"
    elif [[ "$javaJDKVendor" = "apple" ]]; then
        result="Apple"
    elif [[ "$javaJDKVendor" = "azul" ]]; then
        result="Azul"
    elif [[ "$javaJDKVendor" = "openjdk" ]]; then
        result="OpenJDK"
    elif [[ "$javaJDKVendor" = "oracle" ]]; then
        result="Oracle"
    elif [[ "$javaJDKVendor" = "sap" ]]; then
        result="SAP"
    else
        result="Unknown"
    fi
fi

echo "<result>$result</result>"

exit 0
```