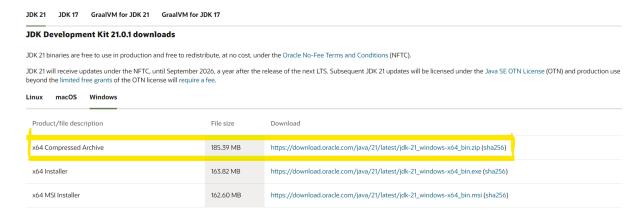
CHUẨN BỊ MÔI TRƯỜNG

1. Môi trường lập trình java

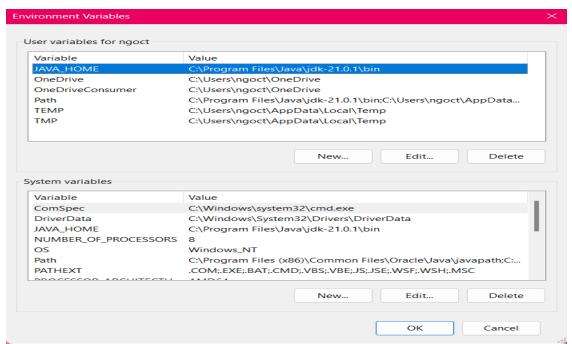
JDK

JDK – download và cài đăt

- Link download jdk https://www.oracle.com/java/technologies/downloads/
- Run file download, nếu file zip thì giải nén



Setup Environment và System Variable - Chuột phải My Computer => Properties => Advanced system settings => Advanced tab => Environment Variables

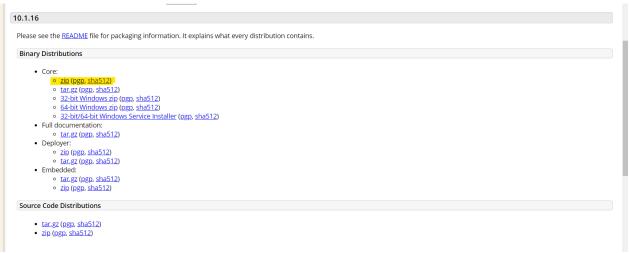


Kiểm tra version

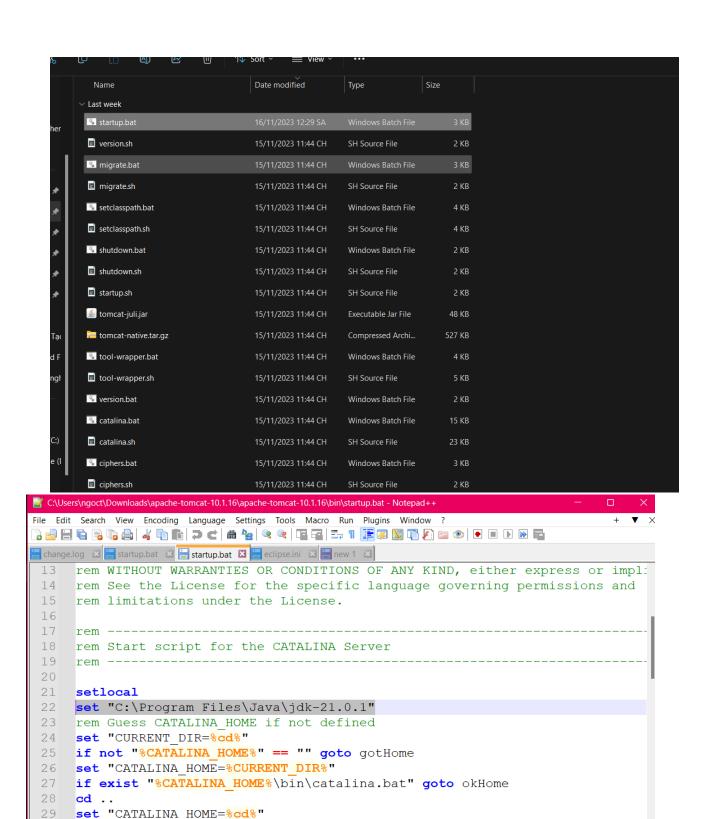
Tomcat

Tomcat – download và cài đặt

Link download http://tomcat.apache.org/, download file zip



- Extract file zip vừa download - Cấu hình JAVA_HOME cho Tomcat: => bin/ startup.bat => edit with notepa



Ln:22 Col:1 Sel:38|1

Windows (CR LF) UTF-8

• Elipse

31

Batch file

cd "%CURRENT DIR%"

length: 2.060 lines: 59

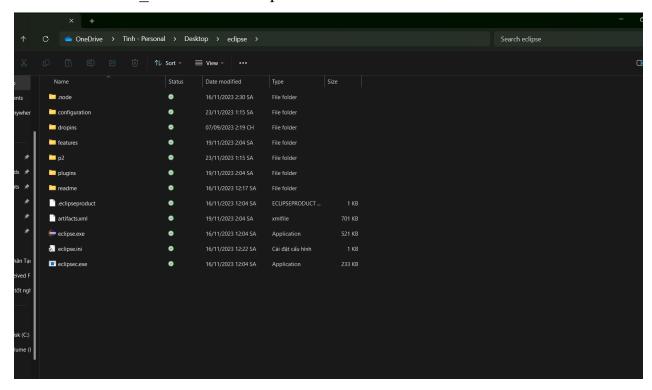
:gotHome

Eclipse – download và cài đặt



Copy file zip vừa download về, giải nén

- Cấu hình JAVA HOME cho Eclipse



```
C:\Users\ngoct\OneDrive\Máy tính\eclipse\eclipse.ini - Notepad++
<u>F</u>ile <u>E</u>dit <u>S</u>earch <u>V</u>iew E<u>n</u>coding <u>L</u>anguage Se<u>t</u>tings <u>To</u>ols <u>M</u>acro <u>R</u>un <u>P</u>lugins <u>W</u>indow <u>?</u>
3 🚽 🗏 😘 🥱 😘 🖒 🚜 🐚 🖍 🗩 🕒 🗷 😸 🗷 🖎 🖎 🖎 🖎 🖎 🖎 🗷 🖼 🖽 📆 🌃 🗗 🖆 🕙 🗎 🕩 🕩 🗩
📑 change.log 🗵 🔚 startup.bat 🗵 🔚 startup.bat 🗵 블 eclipse.ini 🗵 💾 new 1 🗵
       plugins/org.eclipse.equinox.launcher.win32.win32.x86 64 1.2.700.v202211
       -product
       org.eclipse.epp.package.jee.product
       -showsplash
       org.eclipse.epp.package.common
       --launcher.defaultAction
       openFile
        --launcher.appendVmargs
 12
        -vm
        C:\Program Files\Java\jdk-21.0.1\bin\javaw.exe
       plugins/org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86 64 17.0.8.
 14
       -vmarqs
 16
       -Dosgi.requiredJavaVersion=17
       -Dosgi.instance.area.default=@user.home/eclipse-workspace
       -Dosgi.dataAreaRequiresExplicitInit=true
       -Dorg.eclipse.swt.graphics.Resource.reportNonDisposed

true
       -Dsun.java.command=Eclipse
 21
       -Xms256m
       -Xmx2048m
 22
```

Tích hợp JDK và Tomcat vào Eclipse Windows => Preferences => Java => Installed JREs Windows => Preferences => Server => Server Runtime Envoirement



2. Thư viện hỗ trợ lập trình web

- JSP/ SERVLET
- SPRING
- HIBERNATE