

Tested on Linux Mint 19.1 Cinnamon 4.0.10/ Java JDK Version 1.8.0/ Maven v.3.6.0

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$sudo apt-get install java-8-sdk
$sudo apt-get install mvn
$sudo apt-get install tomcat7
$sudo apt-get install tomcat9
$sudo apt-get install eclipse
$sudo apt-get install update
$sudo apt-get install upgrade
$sudo apt autoremove
```

execute eclipse as root and create a new dynamic web project in your workspace
go on help/eclipse marketplace
right click project/configure/convert to maven project
install "JST Server Adapters" and "Maven Integration for Eclipse WTP"
drag and drop all the items in the 'winsearch' folder into that project
drag and drop the winsearchdata.csv into the project
manage imports
change the indexPath and docsPath variable in src/main/java/searchAndIndex/IndexFiles.java according to your environment

open console and and excute "sudo chmod 777 /yourprojectdirectory -R"
open that project folder in your eclipse workspace and open your console there
\$sudo mvn clean install
\$sudo mvn tomcat7:run
both should give out "BUILD SUCCESSFUL"

(re-)open eclipse with root permission
window/preferences/server/runtime environments select add environment
choose tomcat v9.0 and enter the path of your installation (most likely /usr/shared or /usr/local)
create a new tomcat9 server, double click it so you get in the overview section
under server location: pick "use tomcat installation"
save the whole project (important)
then rightclick the server, properties, press switch location
save the whole project again
right click the project in eclipse, go maven/update project
refresh project in eclipse, make a clean build
right click the project, select run on server
if there are any port problems just change the port to i.e. 8083,8084
a browser with the winsearch index should open