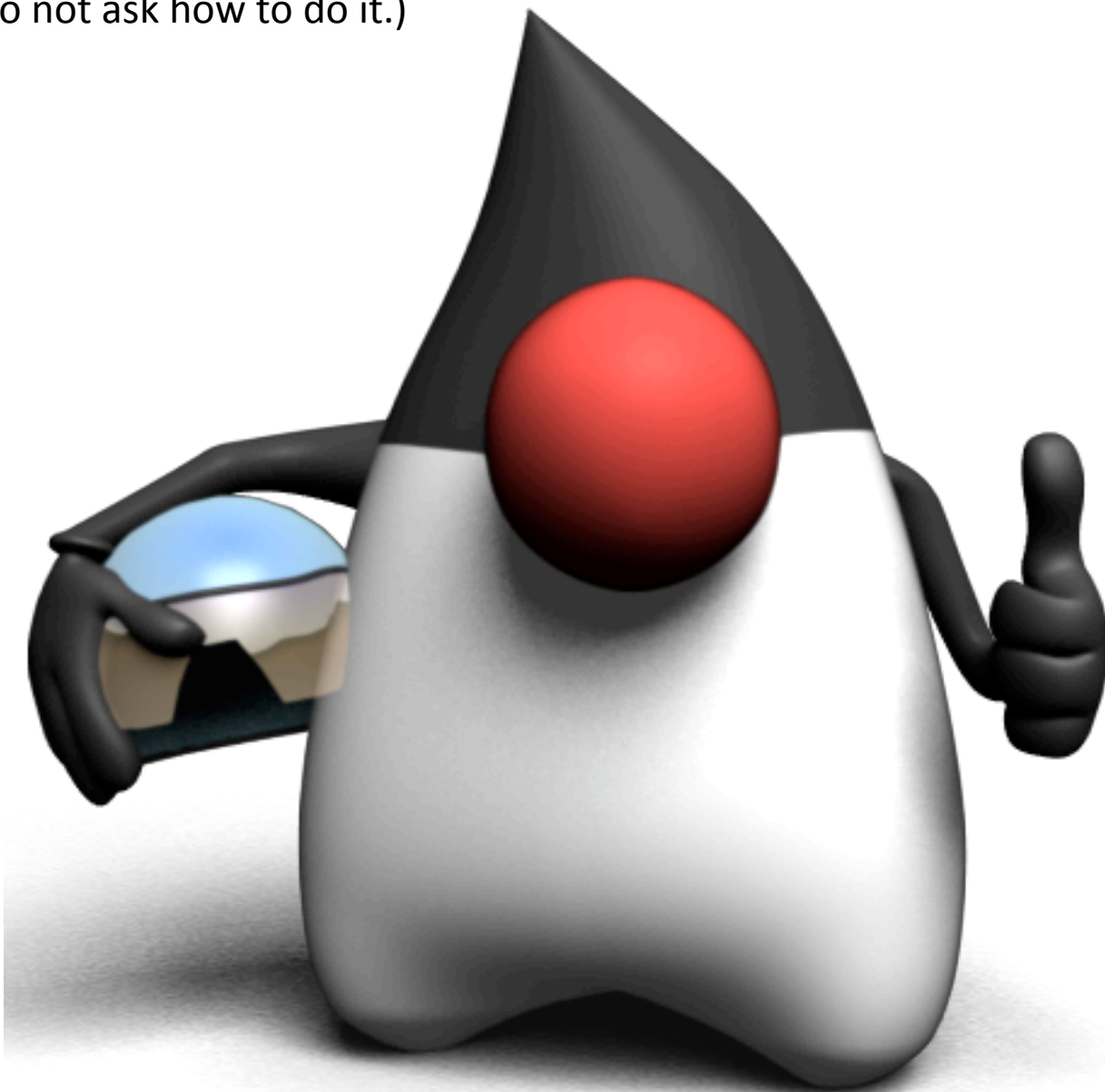# Guide to Exporting Runnable Jars

This guide explains how to create runnable jars. A runnable jar is a Java program that can stand on its own and be run on any operating system without needing any additional support beyond Java. (If you wish to run the jars you create on your own computer make sure you have the latest version of Java or your program will not run.)

The steps outlined here will work for all of CS015's labs and projects except for Adventure. (There is no easy way to export Adventure; please do not ask how to do it.)
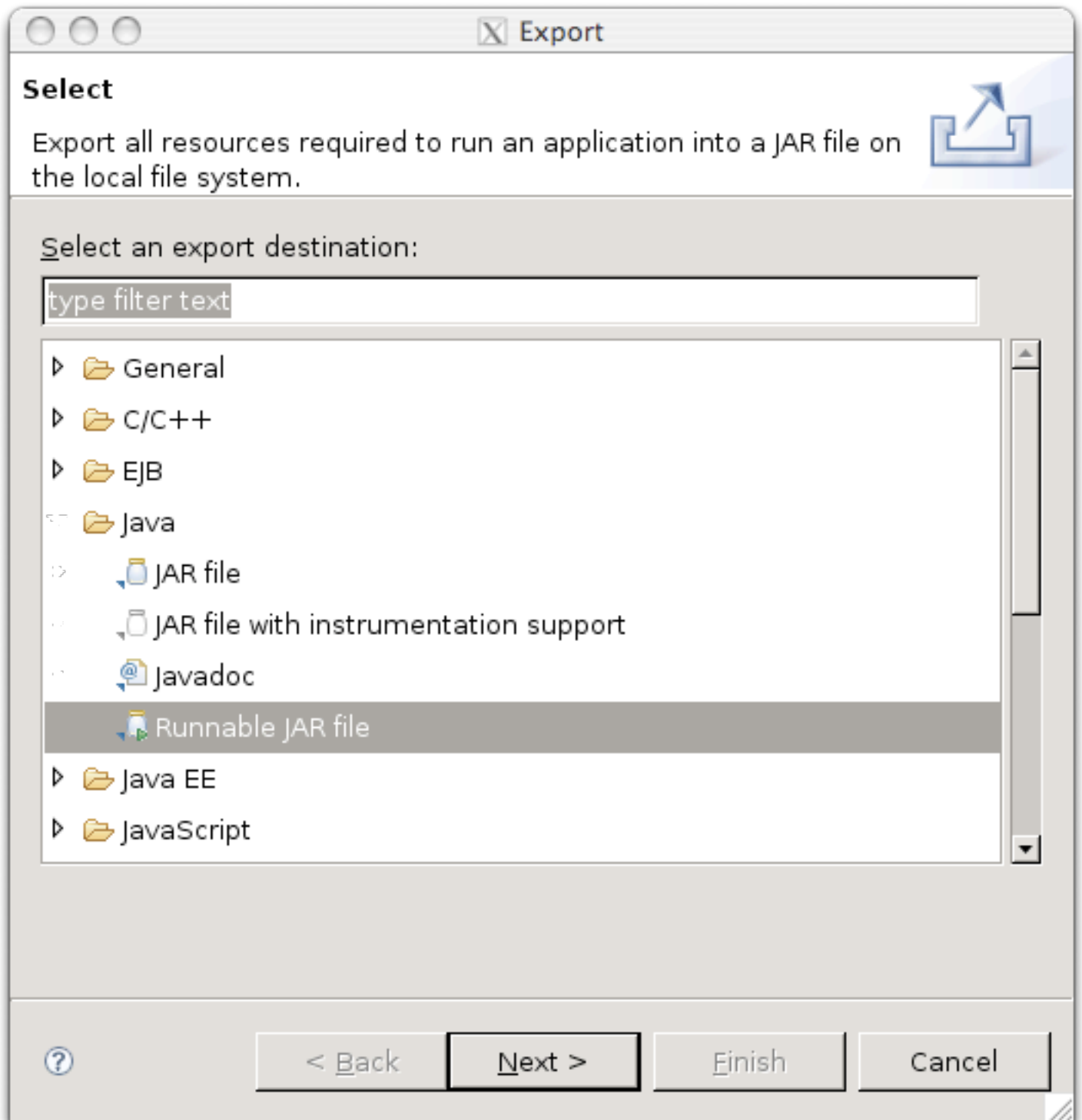
Created by Joshua Kaplan (jak2), Fall 2009

Step 1
Run the CS015 program you would like to turn into a runnable jar. You can close the program as soon as it opens.
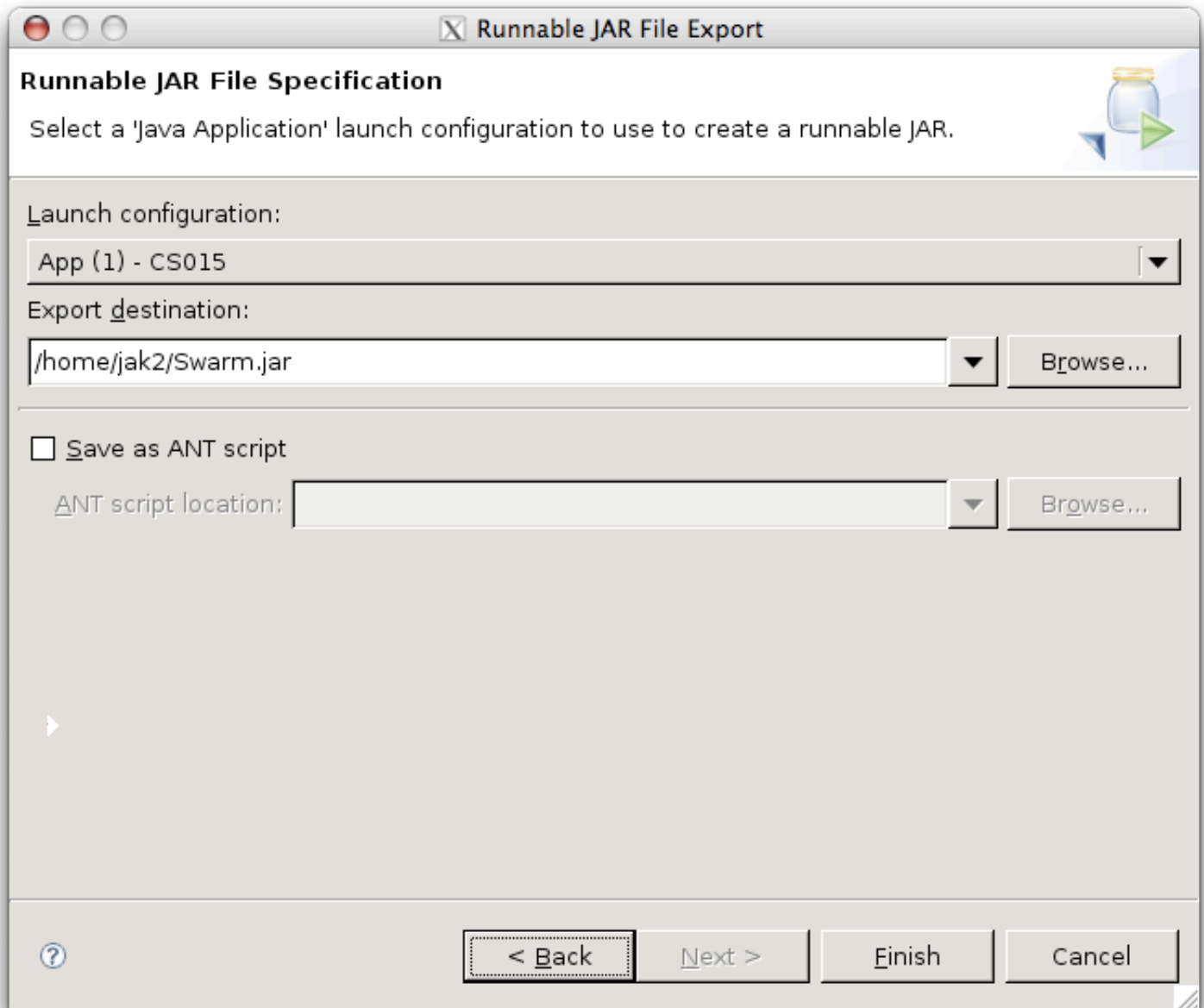
Step 2
Select **File**->**Export**. What is below should appear, you may need to expand the Java tab.

Step 3
Select **Runnable JAR File**. Click **Next**. The following will appear.
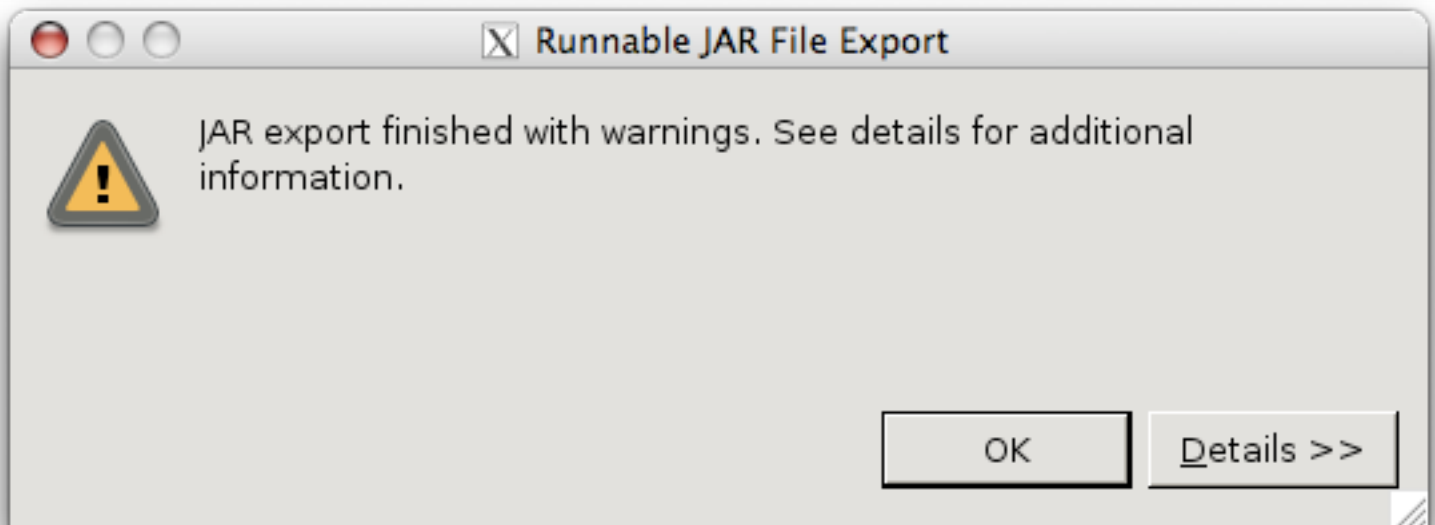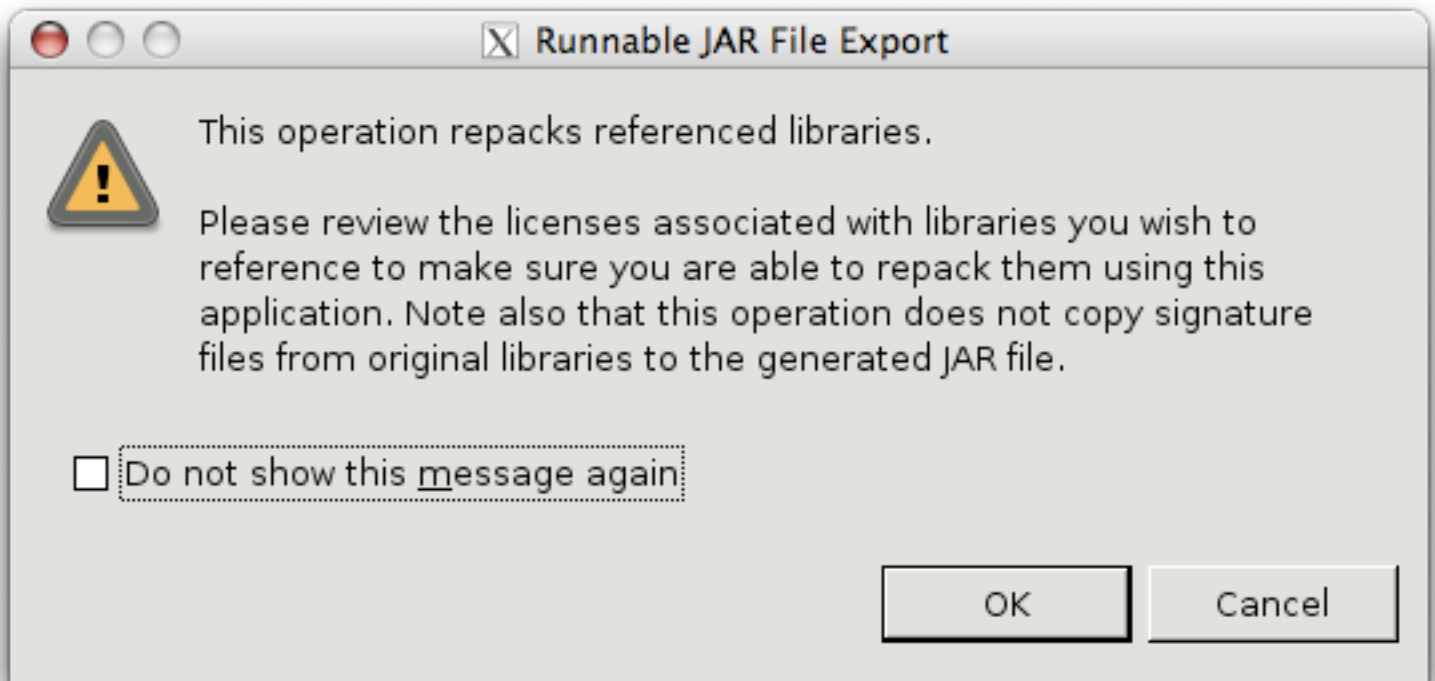

Step 4
Choose the appropriate **Launch configuration** by clicking on the drop down list. There will be many options of the form **App (#) – CS015**. Choose the highest numbered one. For **Export destination** choose where you would like to export the jar, and an appropriate name (make sure it ends with .jar).

Step 5
Press **Finish**. The following two dialogs will likely appear, click **OK** to both of them.

Running a jar
To run a jar file on Windows or Mac you can just double click on it. If that does not work make sure you have the latest version of Java. On Linux in a terminal go into the same directory as the jar and type:

```
java -jar [name of jar here].jar
```