

What is CoffeeCup?

Java has becoming one of the most popular programming language for the web programming. It has also been used for running enterprise level applications. Java uses CLASSPATH variables to glue components together in achieving modularity. Some times Java CLASSPATH could be **very long**. If you have any Java programming experience, you might already felt how tedious it was to type in the long java CLASSPATH variables at the command line. It could be even more painstaking to move and install new java applications. So, Mr.Raymond Gao wrote the **CoffeeCup** which can automatically generate the shell scripts with the corresponding CLASSPATH for you. That means that CoffeeCup will write out shell scripts with specified CLASSPATHs based on what you clicked at the GUI. CoffeeCup is the ultimate WYSIWYG (What You See Is What You Get) tool for Java. CoffeeCup is a novel tool that can relieve you from tedious typing. It can help you saving your valuable time. Furthermore, you can even run your Java applications within the Coffeecup.

Free download CoffeeCup-version-1.0 now!

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Instructions

Installing Coffeecup

CoffeeCup uses Java's Swing technology. so, you must have JDK 1.2.2 or greater installed, preferably JDK 1.3 (which uses HotSpot and is faster). **Installing Coffeecup is very simple**. It takes 3 steps to install CoffeeCup-1.0.

1) Make sure you have JDK 1.2.2 or greater installed on your computer. You can get it from <http://www.javasoft.com>.

2) [Click here to download CoffeeCup](#).

3) Run Coffeecup at the shell prompt: (You may even just double click the "coffeecup.jar" file.)

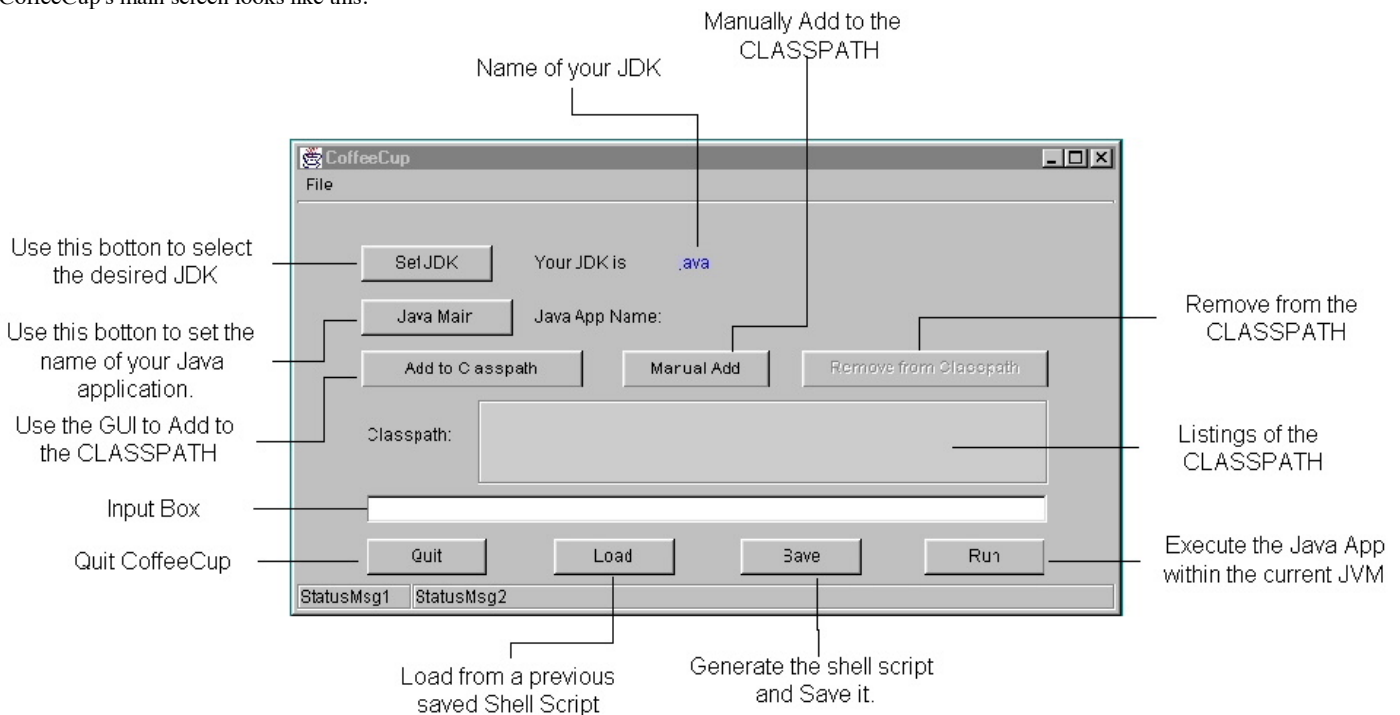
`java -jar coffeecup.jar`

Now, sit back and enjoy it.

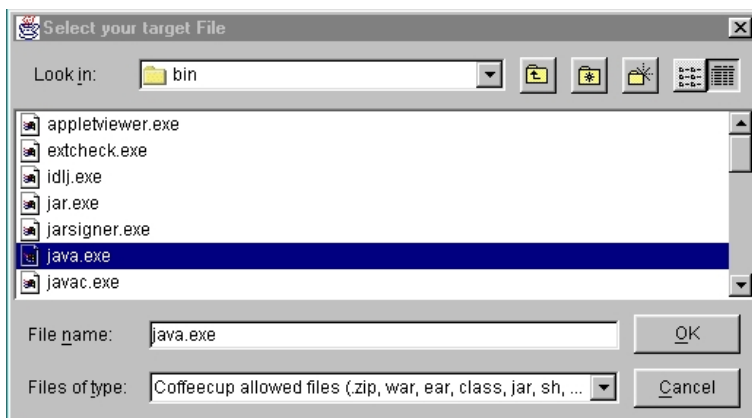
**** You can also run your Java applications directly from within the Coffeecup by click on the Run Button.**

How to use CoffeeCup

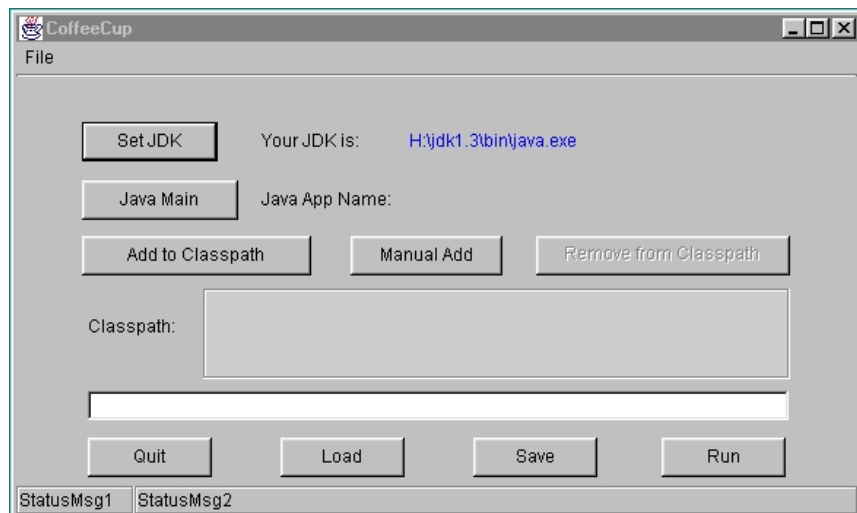
CoffeeCup's main screen looks like this.



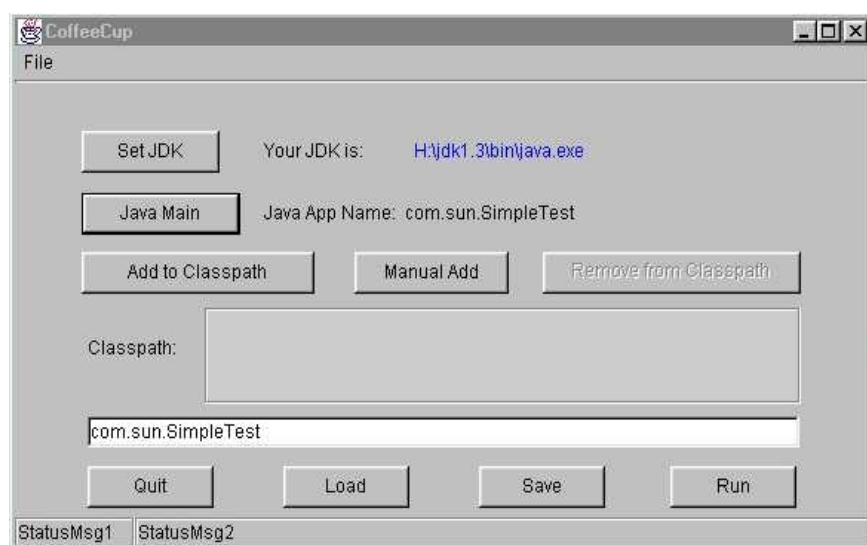
I know you may have multiple versions of JDK installed, (i.e. jdk 1.8, jdk 1.2.2, jdk 1.3.0, etc.). To select your desire JDK, Click on the "SetJDK" Button and you get the JDK selection box. (see below).



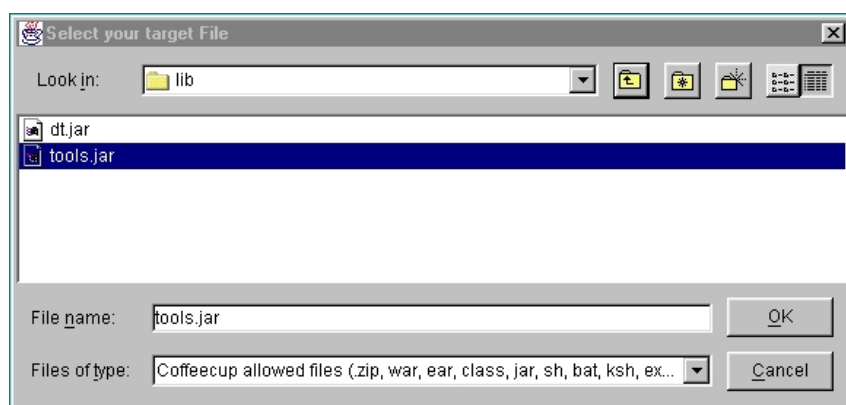
Now, you get this.



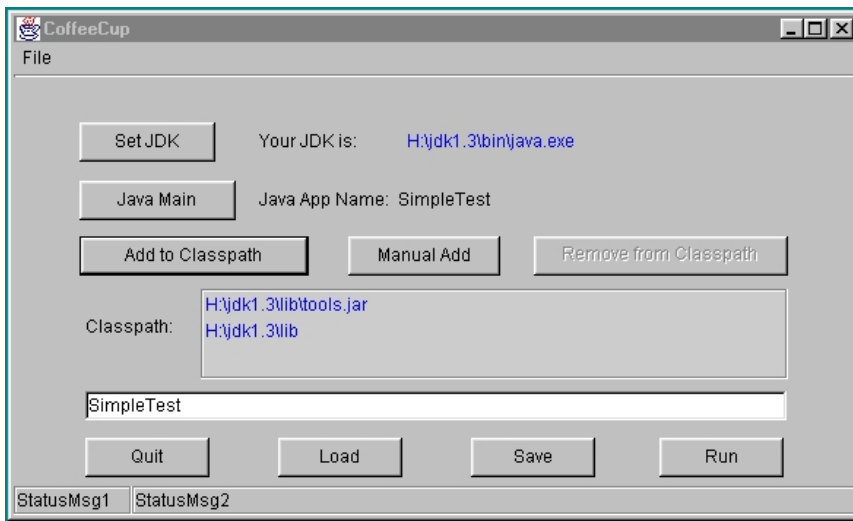
To set your desire Java applications, you type in your application's name, then click the "Java Main" button. (See below)



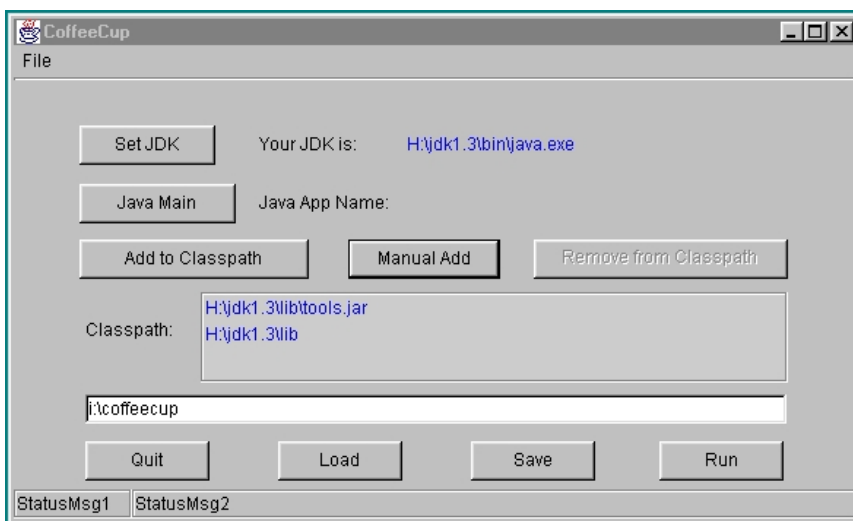
Here comes the good part. To add to the CLASSPATH visually, click on the "Add to Classpath" button. (see below) Notice, I have filtered out most non-java files such as .txt, .doc, .xls, leaving only .jar, .war, .zip, .class, and OS command files, such as .bat, .sh, .bsh, .csh. Select your file, and both that file and its parent directory will be included in the CLASSPATH.



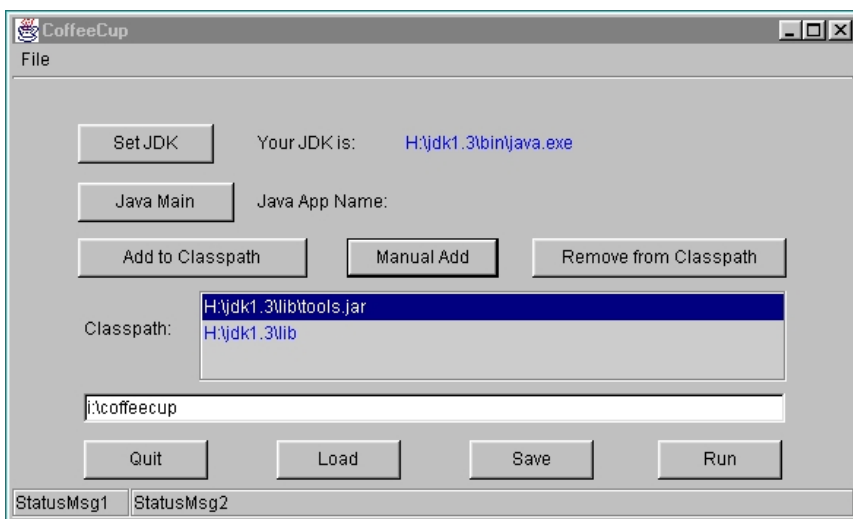
And, once you made your selection, you will get the following.



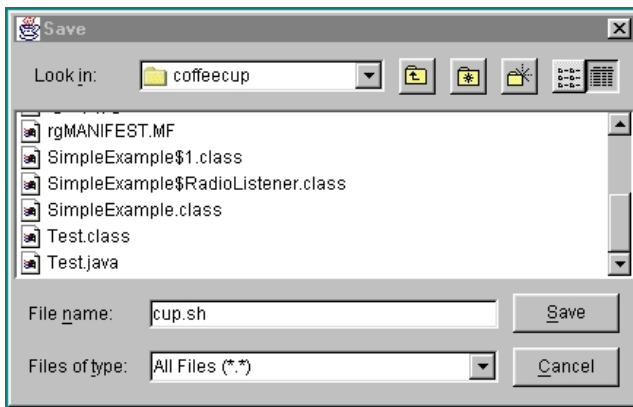
Sun is always trying to release new package formats. In the future, we may have .car, .zar, .bar, in addition to current .jar, .war, .ear. So, I left you the option of typing in CLASSPATH manually. Basically, you type in the desire CLASSPATH vars. And, you then click the "Manual Add" button. (see below)



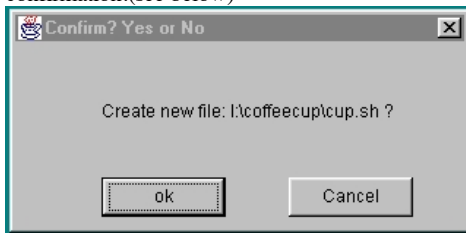
To remove an undesired CLASSPATH, select it and then click the "Remove from Classpath" button. (see below)



To save you work to a shell script, you click on the "save" button and following screen will come up. You can type in a name for your shell script.



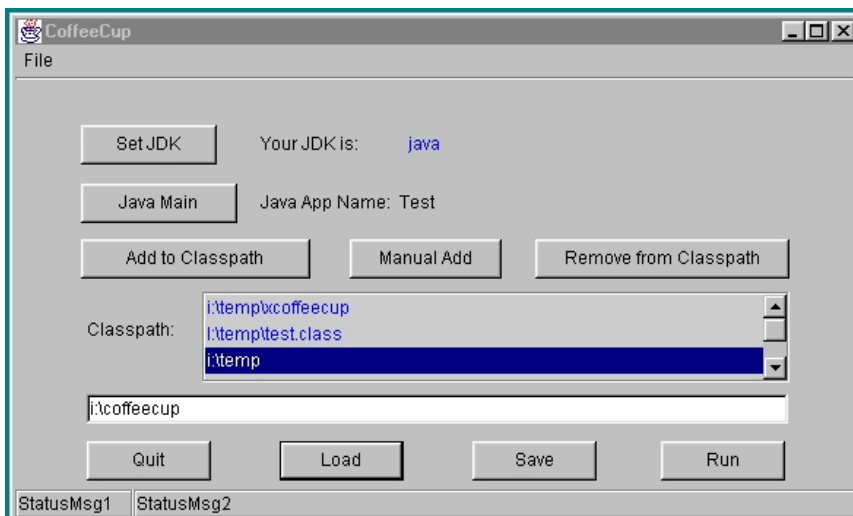
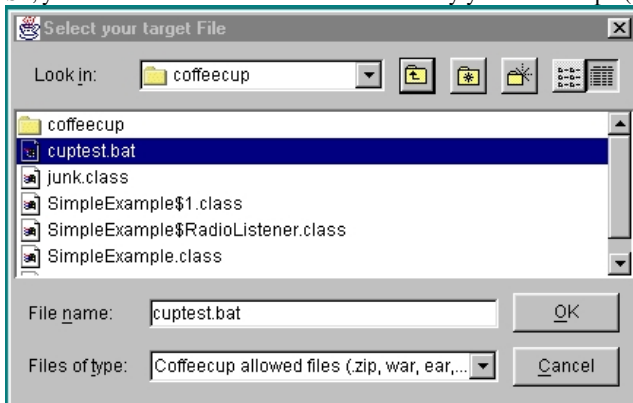
To demonstrate this, I choose a file called "cup.sh" and clicked on save button. I have put in the logic that if this file is new, CoffeeCup will ask you for confirmation.(see below)



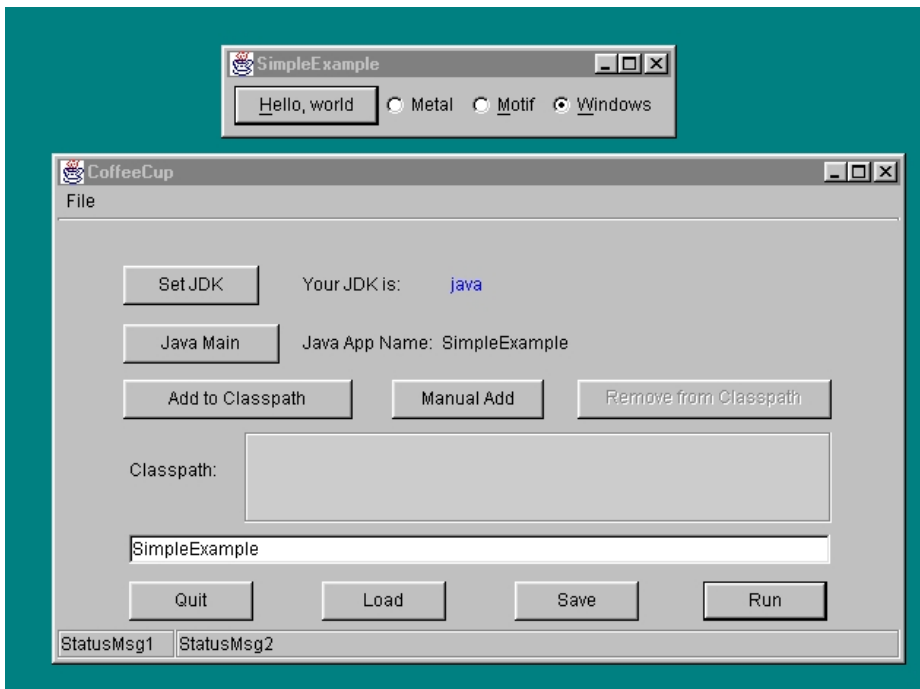
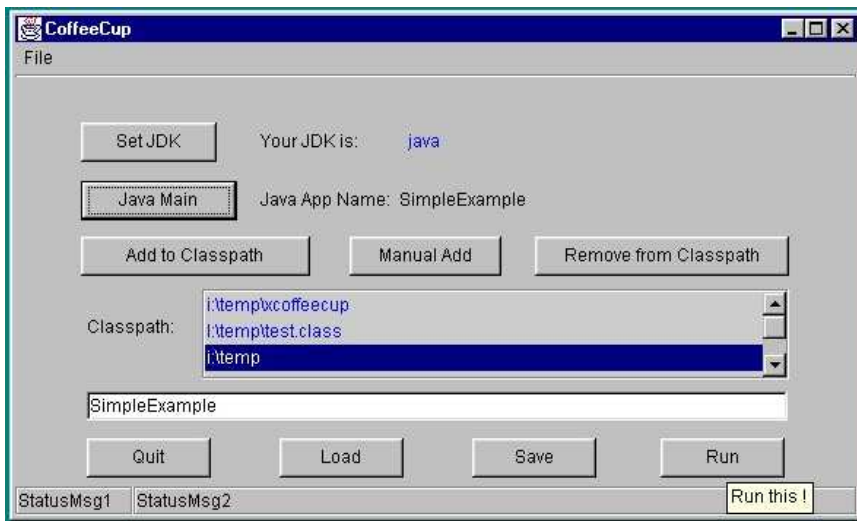
Once you click on the "OK" button, the shell script will be generated. as in:

```
java -cp "i:\temp\coffeecup;i:\temp\test.class;i:\temp;.;%CLASSPATH%;" SimpleTest.
```

Pretty cool, isn't it. Here is something even better. You can even load a previously written shell script. CoffeeCup will parse it and display it on the screen. So, you will not risk of miss-delete or mis-modify your shell script. (see below 2 images)



You can even test run your program within CoffeeCup. For example, I wanted to run a program called SimpleExample. (See below).



All this is free until October, 2001. (I hope by then CoffeeCup will become one of the best free Java programmer's utility softwares.) I know you will like it, because I love it.

If you have any questions, send email to raygao@raygao.com.

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