

JFLAP 2.0

Setting up JFLAP:

- Set your classpath: (add these lines at the end of your .cshrc file)

```
setenv CLASSPATH /afs/acpub.duke.edu/project/cps/pkgs/jdk-1.1.4/lib/classes.zip  
setenv CLASSPATH $CLASSPATH:/afs/acpub.duke.edu/users15/rodger/cps140/bin/jflap
```
- Modify your path to begin with /afs/acpub/project/cps/pkgs/jdk-1.1.4/bin
You can just add this line to the end of your .cshrc file to do that:

```
setenv PATH /afs/acpub/project/cps/pkgs/jdk-1.1.4/bin PATH
```

Using JFLAP:

- To create and move **states**, use the middle mouse button. Clicking will create a state and dragging with the middle button down will move the state around.
- To create a **transition**, use the left mouse button. Click on the state the transition leaves from and drag to the state it goes to. To fill in the label type the label on the keyboard when the transition is selected (red outline). To select a transition click on its label.
- The **popup** menu appears when right-clicking on a state or transition. It can remove states or transitions and make states initial or final.
- To **run** the machine fill up the inputline on the top of the window and select **Step Run** or **Fast Run** from the Run menu.
- To **minimize** or **convert a NFA to a DFA** select the function from the options menu and start building in the new window that appears.

NOTE: Eric Gramond will be in Teer 106 Wednesday and Thursday nights 7-9pm this week, and have office hours on Mondays after class til 4:30pm in LSRC D242 starting next week.