Enhancing ActionLine Performance on the client machine

The performance of Java applets created with ActionLine is dependent on several factors, some of which were outlined on the ActionLine Demo page on our website at URL <http://www.imcinfo.com>.   This technical note will discuss several additonal ways that performance can be significantly improved.

The JavaViewer for ActionLine can be resident either on the server or on a local machine or on both.

If it is resident on the local machine, ActionLine class files do not need to be downloaded and speed is greatly improved. Placing the class files on the local machine is the best way to maximize performance.

If class files are only resident on the server, they are downloaded and cached as needed.

Most users will achieve "acceptable" performance if they have either a high speed connection to the server, or if they install the class files on their local machine. This installation is described below.

The applet demos provided on IMC's website will perform correctly in either case.

For the Macintosh:
> Installing the JavaViewer on the local machine (Macintosh specific).

> The JavaViewer (88K) can either be downloaded from our website, or is contained in the software shipped with all full and trial versions of ActionLine.

> The Preferences Folder located inside the System Folder on your Macintosh contains a folder called Netscape f.   . Locate this folder and open it. Inside will be a series of folders and files illustrated in Figure 1.
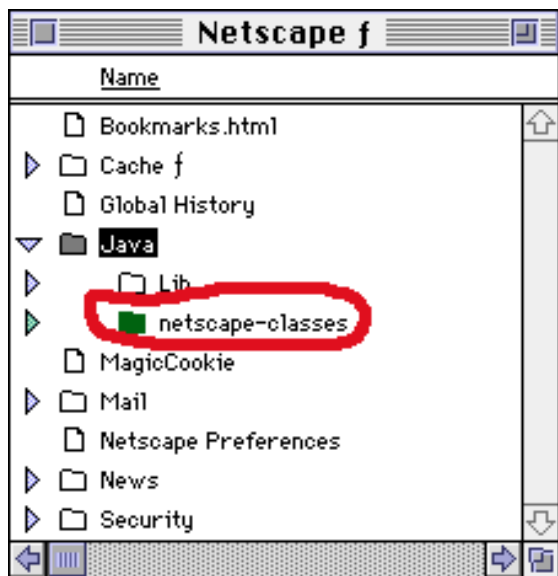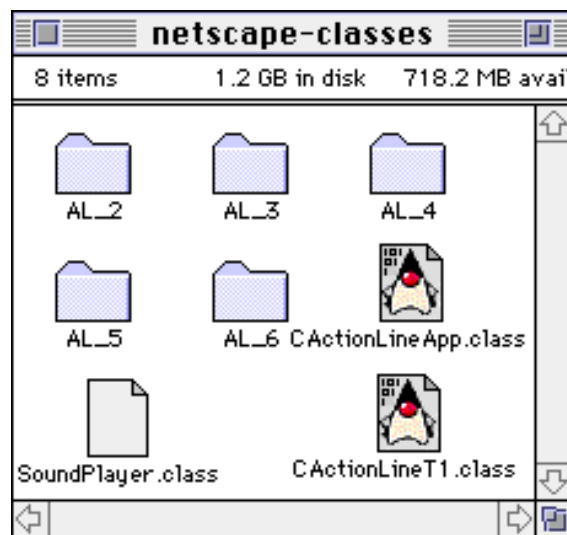
Figure 1.

Figure 2.

You will want to locate the folder called "netscape-classes" which is highlighted in red in Figure 1.

Move the contents of the JavaViewer folder (not the folder itself) into this "netscape-classes" folder.

When you are done, the resulting folder, when viewed in icon view, should look like the illustration in Figure 2.

Close the Preferences Folder and your System Folder. You are now ready to run your Java applets.

For Windows 95 :

Installing the JavaViewer on the local machine (Windows 95 specific).

Download the JavaViewer called "ALviewer.zip"

Create a folder called ActionLine on your hard disk C.

Place ALViewer.zip in the folder ActionLine

In Autoexec.bat include the following CLASSPATH statement:

SET CLASSPATH = .;C:\ActionLine\ALViewer.zip;%CLASSPATH%

Reboot your machine.

Note: the folder name and folder location are arbitrary but must match up to the CLASSPATH that you set.

Windows NT:
Follow the instructions for Windows 95 except that the CLASSPATH is set in User Environmental Variables instead of in Autoexec.bat.