CS209 Lab10
fa2014
streller

PROBLEM STATEMENT:

Deploying applets.

Notes:

in real world applets, the applet many use many class files. The jar utility and jar file provide a means to bundle all class files together,
For this exercise, do not use NetBeans to create the required JAR file.
For this exercise, we will use the Java Development Kit (JDK) jar tool.
The JDK toolset is used by the majority of the Java IDEs including NetBeans and JBuilder, for example.
For this lab exercise, you will continue to work with the project that you completed for Lab Exercise 9
Applets and applications are deployed in Java ARchive (JAR) files.
The purpose of using a JAR file is to:

Enable a Java applet and all its requisite components (e.g., class files, images, sound files, etc.) to be downloaded to a browser in a single HTTP transaction, instead of opening a new connection for each item.
Enable a Java standalone application and all its requisite components to be combined into a single JAR file to facilitate delivery and installation.
Provide compression of the files in the JAR file, achieving smaller file size to further improve download speed for applets. JAR files use the ZIP compression technology.

In particular, an applet is deployed in a JAR file on a web server for remote or local access via network connectivity. The network could be the Internet, another Wide Area Network (WAN) such as a company?s private network, or a Local Area Network (LAN).
A JAR file should hold all the files required for the applet or application.
This improves performance by reducing the number of client-server communications over the network.
You should not put source code files in a JAR file. Your source code is the Intellectual property of you or your company and should be protected as such.

CODE :

Your Sanbox, from Lab10, directory contains all that is needed.
Zip the contents of this directory (your html file and your signed jar in a zip named

YOURLASTNAME_Sanbox

Create the usual ReadMe file.

Now zip both files to a file named LastName_ Lab_11_cs209.zip

Deployment by instructor.

Your instructor will place your submitted directory YOURLASTNAME_Sandbox on a college web server for testing and demonstration purposes. You should be able to see that your deployed program works via remote access over the Internet.

Your instructor will announce the URL for accessing the submitted Lab 11 projects.

Using a web browser, you should then be able to enter the URL for your HTML page in the Address field of your web browser, hit the Enter key in the Address field or click the Go button. Your HTML page should be displayed in the browser and your applet should be displayed on the page. The applet should work correctly, just as it did for Lab 10.

Deliverables:

Send to streller@ecc.edu an email this the exact subject

cs209_ Lab_11

In this email attached the above named zip file

LastName_ Lab_11_cs209.zip

Due Date : 5:00pm 20 November 2014

Demos commence 6 pm 20 November 2014