**Usaragent.html**

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<title>Find your browser's User Agent - GetRight Download Manager</title>

</head>

<!-- BODY -->

<div class="item">

<h1>Find my User Agent</h1>

<div class="content FFFFFF">

<!-- MAIN BODY TEXT -->

<center>

<p>

The user agent for your web browser (the one that you are viewing this web page with) is:<p><center>

<script language="JavaScript">

<!--

var ua = navigator.userAgent;

document.write('<B>' + ua + '</B>\r\n');

//-->

</script>

<noscript><i>Need JavaScript Enabled to get the value!</i></noscript>

</center><p>&nbsp;

<!-- END MAIN BODY TEXT -->

</html>

**GetURLImage.java**

import java.awt.image.\*;

import javax.imageio.\*;

import java.io.\*;

import java.net.URL;

import java.net.MalformedURLException;

public class GetURLImage {

URL url = null;

File outputFile = null;

public static BufferedImage image = null;

public static void fetchImageFromURL (URL url) {

try {

// Read from a URL

// URL url = new URL("http://hostname.com/image.gif");

image = ImageIO.read(url);

} catch (IOException e) {

} // catch

} // fetchImageFromURL

// Create a URL from the specified address, open a connection to it,

// and then display information about the URL.

public static void main(String[] args)

throws MalformedURLException, IOException {

URL url = new URL(args[0]);

File outputFile = new File(args[1]);

fetchImageFromURL(url);

ImageIO.write(image, "jpg", outputFile);

} // main

} // GetURLImage

**GetURLInfo**

// This examplebased on the code from from the book \_Java in a Nutshell\_ by David Flanagan.

// Written by David Flanagan. Copyright (c) 1996 O'Reilly & Associates.

import java.net.\*;

import java.io.\*;

import java.util.\*;

public class GetURLInfo {

public static void printinfo(URLConnection u) throws IOException {

// Display the URL address, and information about it.

System.out.println(u.getURL().toExternalForm() + ":");

System.out.println(" Content Type: " + u.getContentType());

System.out.println(" Content Length: " + u.getContentLength());

System.out.println(" Last Modified: " + new Date(u.getLastModified()));

System.out.println(" Expiration: " + u.getExpiration());

System.out.println(" Content Encoding: " + u.getContentEncoding());

/\*

// Read and print out the first five lines of the URL.

System.out.println("First five lines:");

DataInputStream in = new DataInputStream(u.getInputStream());

for(int i = 0; i < 5; i++) {

String line = in.readLine();

if (line == null) break;

System.out.println(" " + line);

} // for

\*/

} // printinfo

// Create a URL from the specified address, open a connection to it,

// and then display information about the URL.

public static void main(String[] args)

throws MalformedURLException, IOException

{

URL url = new URL(args[0]);

URLConnection connection = url.openConnection();

printinfo(connection);

} // main

} // GetURLInfo

**WebpageReaderWithoutAgent**

import java.io.\*;

import java.net.URL;

public class WebpageReaderWithoutAgent {

private static String webpage = null;

public static BufferedReader read(String url) throws Exception {

return new BufferedReader(

new InputStreamReader(

new URL(url).openStream()));

} // read

public static void main (String[] args) throws Exception{

if (args.length == 0) {

System.out.println("No URL inputted.");

System.exit(1);

} // any inputs?

webpage = args[0];

System.out.println("Contents of the following URL: "+webpage+"\n");

BufferedReader reader = read(webpage);

String line = reader.readLine();

while (line != null) {

System.out.println(line);

line = reader.readLine();

} // while

} // main

} // WebpageReaderWithoutAgent

**WebpageReaderWithoutAgent**

import java.io.\*;

import java.net.URL;

import java.net.URLConnection;

public class WebpageReaderWithAgent {

private static String webpage = null;

public static final String USER\_AGENT = "Mozilla/5.0 (Windows; U; Windows NT 5.1; en-US; rv:1.9.2) Gecko/20100115 Firefox/3.6";

public static InputStream getURLInputStream(String sURL) throws Exception {

URLConnection oConnection = (new URL(sURL)).openConnection();

oConnection.setRequestProperty("User-Agent", USER\_AGENT);

return oConnection.getInputStream();

}

public static BufferedReader read(String url) throws Exception {

//InputStream content = (InputStream)uc.getInputStream();

// BufferedReader in = new BufferedReader (new InputStreamReader

// (content));

InputStream content = (InputStream)getURLInputStream(url);

return new BufferedReader (new InputStreamReader(content));

} // read

public static BufferedReader read2(String url) throws Exception {

return new BufferedReader(

new InputStreamReader(

new URL(url).openStream()));

} // read

public static void main (String[] args) throws Exception{

if (args.length == 0) {

System.out.println("No URL inputted.");

System.exit(1);

} // any inputs?

webpage = args[0];

System.out.println("Contents of the following URL: "+webpage+"\n");

BufferedReader reader = read(webpage);

String line = reader.readLine();

while (line != null) {

System.out.println(line);

line = reader.readLine();

} // while

} // main

} // WebpageReaderWithAgent