**Document for Fetching the Information from the Directory .**

The Following is the Program :

import java.io.File;

import javax.activation.MimetypesFileTypeMap;

public class ReadFilesFromFolder

{

// User info. In Directory

private String dirName = "";

// User Info. From FileMimeType

private String fileMimeType = "";

private File folder = new File("");

private String temp = "";

public void getTheDirectory(String dir)

{

dirName = dir;

}

public void getFileMimeType(String mime)

{

fileMimeType = mime;

}

static ReadFilesFromFolder rff = new ReadFilesFromFolder();

public static void main(String[] args)

{

// TODO Auto-generated method stub

rff.listFilesForFolder();

}

public void listFilesForFolder()

{

// If no directory is given by user then the default will be taken this

if(dirName.equals(""))

{

folder = new File("C:/Ram/Directory/sample");

}

else

{

folder = new File(dirName);

}

// If no file type is given by User then it will take by default .csv

if(fileMimeType.equals(""))

{

fileMimeTyepe = "csv";

}

System.out.println("Reading files under the folder "+ folder.getAbsolutePath());

for (final File fileEntry : folder.listFiles())

{

if (fileEntry.isDirectory())

{

// System.out.println("Reading files under the folder "+folder.getAbsolutePath());

dirName = fileEntry.getAbsolutePath();

//listFilesForFolder(fileEntry);

listFilesForFolder();

}

else

{

if (fileEntry.isFile())

{

temp = fileEntry.getName();

if ((temp.substring(temp.lastIndexOf('.') + 1, temp.length()).toLowerCase()).equals(fileMimeType))

{

// This is to display the required info . file name , File Mime type , file size and File Extension

// System.out.println("File= " + folder.getAbsolutePath()+ "\\" + fileEntry.getName());

System.out.println("File= " + folder.getAbsolutePath()+ "\\" + fileEntry.getName());

System.out.println("Size: " + " " + fileEntry.length());

System.out.println("Mime Type: " + new MimetypesFileTypeMap().getContentType(fileEntry));

System.out.println("Extn : " + temp.substring(temp.lastIndexOf('.') + 1, temp.length()));

}

}

}

}

}

}

