JAVA获取一个目录中文件个数及所有文件的大小.

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| **import** java.io.File;  **import** java.text.DecimalFormat;  **import** java.io.FileInputStream;  **public** **class** GetFileSize  {  /\*  public long getFileSizes(File f) throws Exception{//取得文件大小  long s=0;  if (f.exists()) {  FileInputStream fis = null;  fis = new FileInputStream(f);  s= fis.available();  } else {  f.createNewFile();  System.out.println("文件不存在");  }  return s;  }  \*/  // 递归取得文件夹（包括子目录）中所有文件的大小  **public** **long** getFileSize(File f)**throws** Exception//取得文件夹大小  {  **long** size = 0;  File flist[] = f.listFiles();  **for** (**int** i = 0; i < flist.length; i++)  {  **if** (flist[i].isDirectory())  {  size = size + getFileSize(flist[i]);  } **else**  {  size = size + flist[i].length();  }  }  **return** size;  }    /\*\*  \* 获取文件的大小  \* **@param** f  \* **@return**  \*/  **public** **static** **long** getFileSize2(File f){  **return** f.length();  }    **public** String FormetFileSize(**long** fileS) {//转换文件大小  DecimalFormat df = **new** DecimalFormat("#.00");  String fileSizeString = "";  **if** (fileS < 1024) {  fileSizeString = df.format((**double**) fileS) + "B";  } **else** **if** (fileS < 1048576) {  fileSizeString = df.format((**double**) fileS / 1024) + "K";  } **else** **if** (fileS < 1073741824) {  fileSizeString = df.format((**double**) fileS / 1048576) + "M";  } **else** {  fileSizeString = df.format((**double**) fileS / 1073741824) + "G";  }  **return** fileSizeString;  }    **public** **long** getlist(File f){//递归求取目录文件个数  **long** size = 0;  File flist[] = f.listFiles();  size=flist.length;  **for** (**int** i = 0; i < flist.length; i++) {  **if** (flist[i].isDirectory()) {  size = size + getlist(flist[i]);  size--;  }  }  **return** size;  }  **public** **long** getDir(File f){//递归求取目录中文件（包括目录）的个数  **long** size = 0;  File flist[] = f.listFiles();  size=flist.length;  **for** (**int** i = 0; i < flist.length; i++) {  **if** (flist[i].isDirectory()) {  size = size + getDir(flist[i]);    }  }  **return** size;  }    **public** **static** **void** main(String args[])  {  GetFileSize g = **new** GetFileSize();  **long** startTime = System.*currentTimeMillis*();  **try**  {  **long** l = 0;  String path = "D:\\tomcat7\\webapps\\cwbwebhome";  File ff = **new** File(path);  **if** (ff.isDirectory()) { //如果路径是文件夹的时候  System.*out*.println("文件个数 " + g.getlist(ff));  System.*out*.println("文件和目录总个数 " + g.getDir(ff));    System.*out*.println("目录");  l = g.getFileSize(ff);  System.*out*.println(path + "目录的大小为：" + g.FormetFileSize(l));  } **else** {  System.*out*.println(" 文件个数 1");  System.*out*.println("文件");  l = g.getFileSize(ff);  System.*out*.println(path + "文件的大小为：" + g.FormetFileSize(l));  }    } **catch** (Exception e)  {  e.printStackTrace();  }  **long** endTime = System.*currentTimeMillis*();  System.*out*.println("总共花费时间为：" + (endTime - startTime) + "毫秒...");    }  } |