1. 将文件压缩：

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| **package** com.sunshine.zip;  **import** java.io.BufferedInputStream;  **import** java.io.BufferedOutputStream;  **import** java.io.File;  **import** java.io.FileInputStream;  **import** java.io.FileNotFoundException;  **import** java.io.FileOutputStream;  **import** java.io.IOException;  **import** java.text.SimpleDateFormat;  **import** java.util.Date;  **import** java.util.zip.ZipEntry;  **import** java.util.zip.ZipOutputStream;  /\*\*  \* 将文件夹下面的文件  \* 打包成zip压缩文件  \*  \* **@author** admin  \*  \*/  **public** **final** **class** FileToZip {    **private** FileToZip(){}    /\*\*  \* 将存放在sourceFilePath目录下的源文件，打包成fileName名称的zip文件，并存放到zipFilePath路径下  \* **@param** sourceFilePath :待压缩的文件路径  \* **@param** zipFilePath :压缩后存放路径  \* **@param** fileName :压缩后文件的名称  \* **@return**  \*/  **public** **static** **boolean** fileToZip(String sourceFilePath,String zipFilePath,String fileName){  **boolean** flag = **false**;  File sourceFile = **new** File(sourceFilePath);  FileInputStream fis = **null**;  BufferedInputStream bis = **null**;  FileOutputStream fos = **null**;  ZipOutputStream zos = **null**;    **if**(sourceFile.exists() == **false**){  System.***out***.println("待压缩的文件目录："+sourceFilePath+"不存在.");  }**else**{  **try** {  File zipFile = **new** File(zipFilePath + "/" + fileName +".zip");  **if**(zipFile.exists()){  System.***out***.println(zipFilePath + "目录下存在名字为:" + fileName +".zip" +"打包文件.");  }**else**{  File[] sourceFiles = sourceFile.listFiles();  **if**(**null** == sourceFiles || sourceFiles.length<1){  System.***out***.println("待压缩的文件目录：" + sourceFilePath + "里面不存在文件，无需压缩.");  }**else**{  fos = **new** FileOutputStream(zipFile);  zos = **new** ZipOutputStream(**new** BufferedOutputStream(fos));  **byte**[] bufs = **new** **byte**[1024\*10];  **for**(**int** i=0;i<sourceFiles.length;i++){  //创建ZIP实体，并添加进压缩包  ZipEntry zipEntry = **new** ZipEntry(sourceFiles[i].getName());  zos.putNextEntry(zipEntry);  //读取待压缩的文件并写进压缩包里  fis = **new** FileInputStream(sourceFiles[i]);  bis = **new** BufferedInputStream(fis, 1024\*10);  **int** read = 0;  **while**((read=bis.read(bufs, 0, 1024\*10)) != -1){  zos.write(bufs,0,read);  }  }  flag = **true**;  }  }  } **catch** (FileNotFoundException e) {  e.printStackTrace();  **throw** **new** RuntimeException(e);  } **catch** (IOException e) {  e.printStackTrace();  **throw** **new** RuntimeException(e);  } **finally**{  //关闭流  **try** {  **if**(**null** != bis) bis.close();  **if**(**null** != zos) zos.close();  } **catch** (IOException e) {  e.printStackTrace();  **throw** **new** RuntimeException(e);  }  }  }  **return** flag;  }    **public** **static** **void** main(String[] args){  String sourceFilePath = "E:\\tmp";  String zipFilePath = "E:\\tmp1";  SimpleDateFormat sim = **new** SimpleDateFormat("yyyyMMdd");  String fileName = sim.format(**new** Date());  **boolean** flag = FileToZip.*fileToZip*(sourceFilePath, zipFilePath, fileName);  **if**(flag){  System.***out***.println("文件打包成功!");  }**else**{  System.***out***.println("文件打包失败!");  }  }    } |

二.将数据库中的数据查询出来之后转为csv文件：

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| **package** com.sunshine.zip;  **import** java.io.BufferedWriter;  **import** java.io.File;  **import** java.io.FileOutputStream;  **import** java.io.IOException;  **import** java.io.OutputStreamWriter;  **import** java.text.SimpleDateFormat;  **import** java.util.ArrayList;  **import** java.util.Date;  **import** java.util.List;  **public** **class** GenerateCsvFile {  **public** **static** String *fileFormat*="utf-8";//"GB2312";//  //SendOrReturnData为一个实体类，里面存放csv文件中的字段  **public** **static** File createCSVFile(List<SendOrReturnData> exportData,String path,String filename){  File csvFile = **null**;  BufferedWriter csvFileOutputStream = **null**;  **try** {  csvFile = **new** File(path +"/"+ filename + ".csv");  File parent = csvFile.getParentFile();  **if** (parent != **null** && !parent.exists()) {  parent.mkdirs();  }  csvFile.createNewFile();  // GB2312使正确读取分隔符","  csvFileOutputStream = **new** BufferedWriter(**new** OutputStreamWriter(  **new** FileOutputStream(csvFile), *fileFormat*), 1024);    csvFileOutputStream.write("\""+ "@DATAFIRST" + "\"");//文件的开头是 "@DATAFIRST",然后下一行才是字段名  csvFileOutputStream.newLine();    csvFileOutputStream.write("\""+"id"+"\"");  csvFileOutputStream.write(",");  csvFileOutputStream.write("\""+"name"+"\"");  csvFileOutputStream.write(",");  csvFileOutputStream.write("\""+"age"+"\"");  csvFileOutputStream.write(",");  csvFileOutputStream.write("\""+"sex"+"\"");  csvFileOutputStream.newLine();    //写入文件内容  SimpleDateFormat df = **new** SimpleDateFormat("yyyy-MM-dd");  SimpleDateFormat df2 = **new** SimpleDateFormat("yyyy-MM");  **int** i = 1;  **for**(SendOrReturnData obj : exportData){  csvFileOutputStream.write("\""+i+"\"");  csvFileOutputStream.write(",");  csvFileOutputStream.write("\""+obj.getName()+"\"");  csvFileOutputStream.write(",");  csvFileOutputStream.write("\""+obj.getAge()+"\"");  csvFileOutputStream.write(",");  csvFileOutputStream.write("\""+obj.getSex()+"\"");  i++;  csvFileOutputStream.newLine();  }  csvFileOutputStream.write("\""+ "@DATALAST" + "\"");  csvFileOutputStream.write(",");  csvFileOutputStream.write("\""+ (i-1) + "\"");  csvFileOutputStream.write(",");  csvFileOutputStream.write("\""+ df.format(**new** Date()) + "\"");  csvFileOutputStream.flush();  } **catch** (IOException e) {  e.printStackTrace();  } **finally** {  **try** {  csvFileOutputStream.close();  } **catch** (IOException e) {  e.printStackTrace();  }  }    **return** csvFile;  }      **public** **static** **void** main(String[] args) {  SendOrReturnData snd = **new** SendOrReturnData();  snd.setName("张三");  snd.setAge("20");  snd.setSex("男");  SendOrReturnData snd1 = **new** SendOrReturnData();  snd1.setName("李四");  snd1.setAge("20");  snd1.setSex("女");  List<SendOrReturnData> list = **new** ArrayList<SendOrReturnData>();  list.add(snd);  list.add(snd1);  **for** (SendOrReturnData sendOrReturnData : list) {  System.***out***.println(sendOrReturnData.getName());  }    String path = "E:\\tmp";  SimpleDateFormat sim = **new** SimpleDateFormat("yyyyMMdd");  String fileName = sim.format(**new** Date());  *createCSVFile*(list,path,fileName);    String zipFilePath = "E:\\tmp";  FileToZip.*fileToZip*(path, zipFilePath, fileName);  System.***out***.println(System.*getProperty*("user.dir"));//用户的当前工作目录  }  } |