library(XLConnect)

path = "D:/ziliao/优先阅读/R语言 学习/R语言中excel表格的读取与存储"

setwd(path)

xiong <- loadWorkbook("Odor\_gb.xls") #读入Excel文件，支持xlsx格式

dataB <- readWorksheet(xiong, sheet = "Odor\_gb") #提取其中一个名字叫做"Odor\_gb"的工作表

dataB <- readWorksheet(xiong, sheet = "排序")  #提取其中一个名字叫做"排序"的工作表

createSheet(xiong, name = "CO2")  #新建一个名字叫做"CO2"的工作表

writeWorksheet(xiong, info.mat, sheet = "CO2") #将矩阵数据写入工作表"CO2"

saveWorkbook(xiong)  #保存文件

writeWorksheetToFile("filename.xlsx", data=mat, sheet="合并")

#将数据框数据mat保存到工作目录下一个叫做filename.xlsx的excel表中，所在工作表命名为“合并”

#################

20140107更新---更好的解决方案

#读入、输入

source('G:/database/R语言构建系统发育树平台/R语言构建系统发育树平台.r')

mat.m = read.excel("娃娃鱼形态数据20140107-雄性name.xlsx" , "data")

#输出，存储

writeWorksheetToFile("娃娃鱼形态数据20140106-完整.xlsx", data=mat.f, sheet="雌性") 

http://stackoverflow.com/questions/7019912/using-the-rjava-package-on-win7-64-bit-with-r

|  |  |  |  |
| --- | --- | --- | --- |
| Note: many of folks in other answers/comments have said to remove JAVA\_HOME, so consider that. I have not revisited this issue recently to know if all the steps below are still necessary.)  Here is some quick advice on how to get up and running with R + rJava on Windows 7 64bit. There are several possibilities, but most have fatal flaws. Here is what worked for me:  **Add jvm.dll to your PATH**  rJava, the R<->Java bridge, will need jvm.dll, but R will have trouble finding that DLL. It resides in a folder like  C:\Program Files\Java\jdk1.6.0\_25\jre\bin\server  or  C:\Program Files\Java\jre6\jre\bin\client  Wherever yours is, add that directory to your windows PATH variable. (Windows -> "Path" -> "Edit environment variables to for your account" -> PATH -> edit the value.)  You may already have Java on your PATH. If so you should find the client/server directory in the same Java "home" dir as the one already on your PATH.  To be safe, make sure your architectures match.If you have Java in Program Files, it is 64-bit, so you ought to run R64. If you have Java in Program Files (x86), that's 32-bit, so you use plain 32-bit R.  **Re-launch R from the Windows Menu**  If R is running, quit.  From the Start Menu , Start R / RGUI, RStudio. This is very important, to make R pick up your PATH changes.  **Install rJava 0.9.2.**  Earlier versions do not work! Mirrors are not up-to-date, so go to the source at www.rforge.net:<http://www.rforge.net/rJava/files/>. Note the advice there  “Please use  `install.packages('rJava',,'http://www.rforge.net/')`  to install.”  That is almost correct. This actually works:  install.packages('rJava', .libPaths()[1], 'http://www.rforge.net/')  Watch the punctuation! The mysterious “.libPaths()[1],” just tells R to install the package in the primary library directory. For some reason, leaving the value blank doesn’t work, even though it should default.   |  |  |  | | --- | --- | --- | | [share](http://stackoverflow.com/a/7604469)[improve this answer](http://stackoverflow.com/posts/7604469/edit) | [edited Jul 18 '14 at 18:08](http://stackoverflow.com/posts/7604469/revisions) | answered Sep 29 '11 at 23:26  [[https://www.gravatar.com/avatar/335565cdeb21da47dcdf8509fcd23bc8?s=32&d=identicon&r=PG](http://stackoverflow.com/users/766752/misterbee)](http://stackoverflow.com/users/766752/misterbee)  [misterbee](http://stackoverflow.com/users/766752/misterbee) **2,598**1724 | |
|  | |  |  |  |  | | --- | --- | --- | --- | | |  |  | | --- | --- | | 2 |  | | Rather than leaving the second argument blank, you can just do install.packages('rJava', repos='http://www.rforge.net/'). –  [Ken Williams](http://stackoverflow.com/users/169947/ken-williams) [Nov 1 '12 at 20:37](http://stackoverflow.com/questions/7019912/using-the-rjava-package-on-win7-64-bit-with-r#comment17946056_7604469) | | |  |  | | --- | --- | |  |  | | As pointed out in the answer by @user2161065, loading rJava requires removing the JAVA\_HOME variable –  [David](http://stackoverflow.com/users/199217/david) [May 14 '13 at 1:52](http://stackoverflow.com/questions/7019912/using-the-rjava-package-on-win7-64-bit-with-r#comment23744768_7604469) | | |  |  | | --- | --- | |  |  | | Although all this might be needed, even after doing this I had to unset JAVA\_HOME as suggested by @user2161065 –  [Ajinkya Kale](http://stackoverflow.com/users/1183980/ajinkya-kale) [Sep 13 '13 at 21:11](http://stackoverflow.com/questions/7019912/using-the-rjava-package-on-win7-64-bit-with-r#comment27716233_7604469) | | |  |  | | --- | --- | |  |  | | package ‘rJava’ is not available (for R version 3.0.2) –  [andi](http://stackoverflow.com/users/953553/andi) [Oct 3 '13 at 23:52](http://stackoverflow.com/questions/7019912/using-the-rjava-package-on-win7-64-bit-with-r#comment28361719_7604469) | | |  |  | | --- | --- | | 1 |  | | +1 Adding ...\jre\bin\server to path fixed it for me –  [Milo Chen](http://stackoverflow.com/users/1681681/milo-chen) [Apr 15 '14 at 18:03](http://stackoverflow.com/questions/7019912/using-the-rjava-package-on-win7-64-bit-with-r#comment35293579_7604469) | |