

Installation manual for msm library for R

Date

6/6/09

Introduction

This manual attempts to outline the steps required to install the R library called msm. As the first step in this manual, it is highly recommended to review all of the following sources of online documentation available for the msm package:

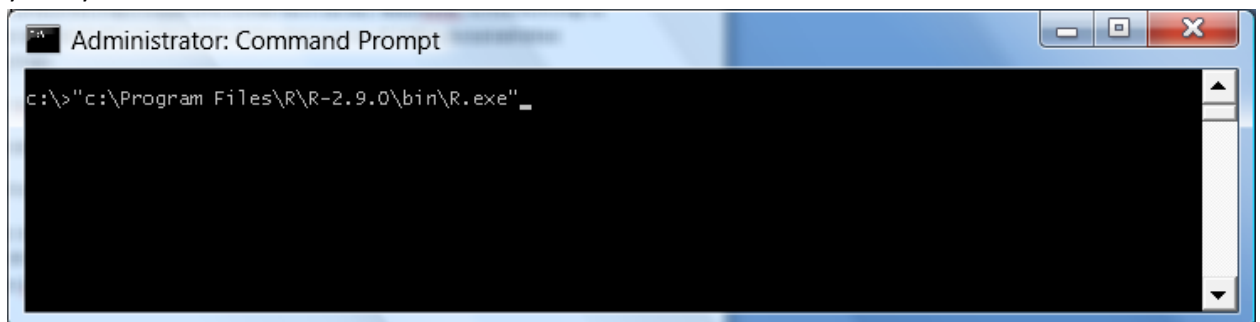
CRAN website for msm - <http://cran.r-project.org/web/packages/msm/index.html>

msm reference manual - <http://cran.r-project.org/web/packages/msm/msm.pdf>

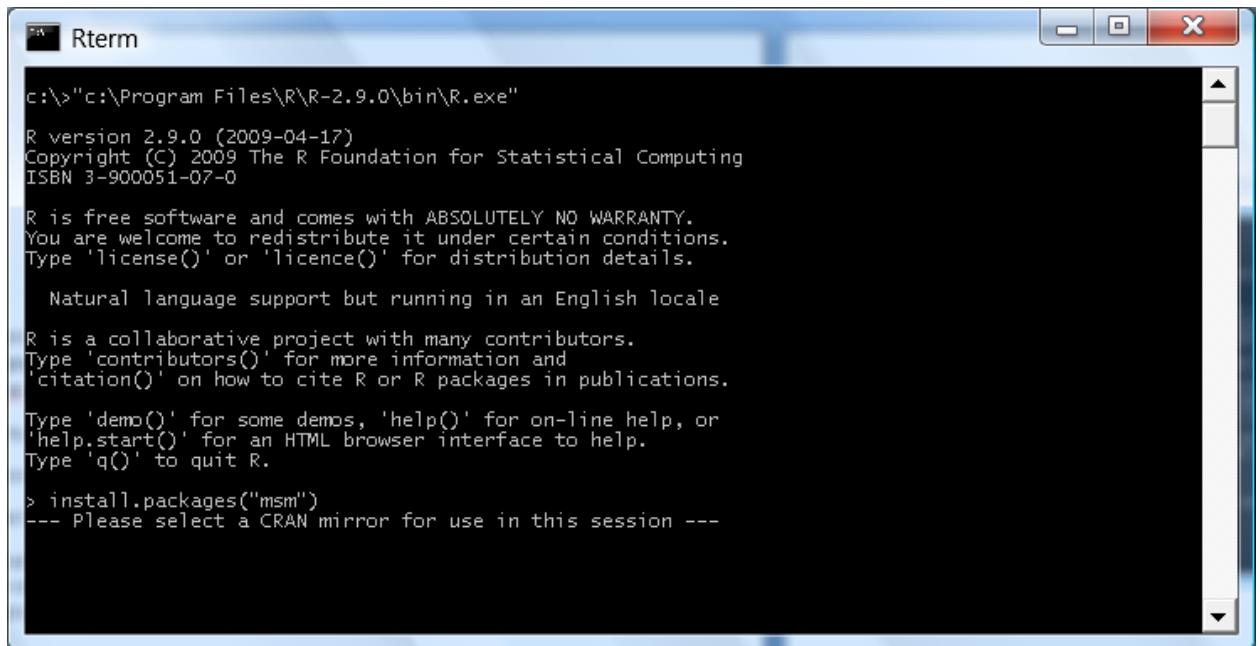
Operating System Independent Installation Instructions

(The graphics will follow the procedure as it is being done on Windows Vista)

1. Run the R shell as a user with administrative privileges. If you are unsure about this, contact your system administrator.



2. In the R shell type `install.packages("msm")` and press enter



```
Rterm
c:\>"c:\Program Files\R\R-2.9.0\bin\R.exe"

R version 2.9.0 (2009-04-17)
Copyright (C) 2009 The R Foundation for Statistical Computing
ISBN 3-900051-07-0

R is free software and comes with ABSOLUTELY NO WARRANTY.
You are welcome to redistribute it under certain conditions.
Type 'license()' or 'licence()' for distribution details.

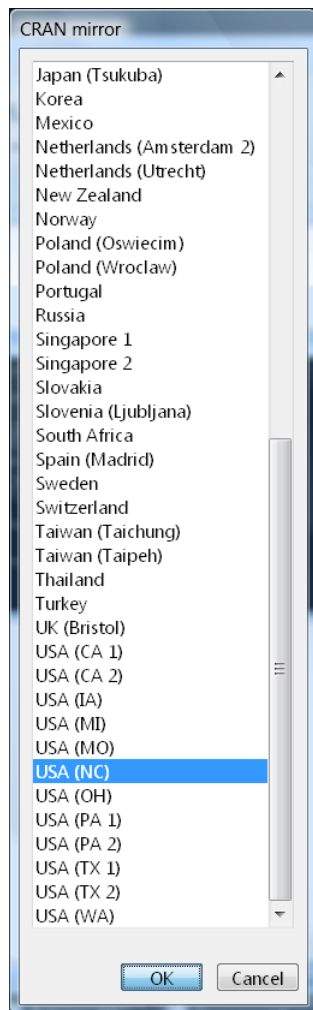
  Natural language support but running in an English locale

R is a collaborative project with many contributors.
Type 'contributors()' for more information and
'citation()' on how to cite R or R packages in publications.

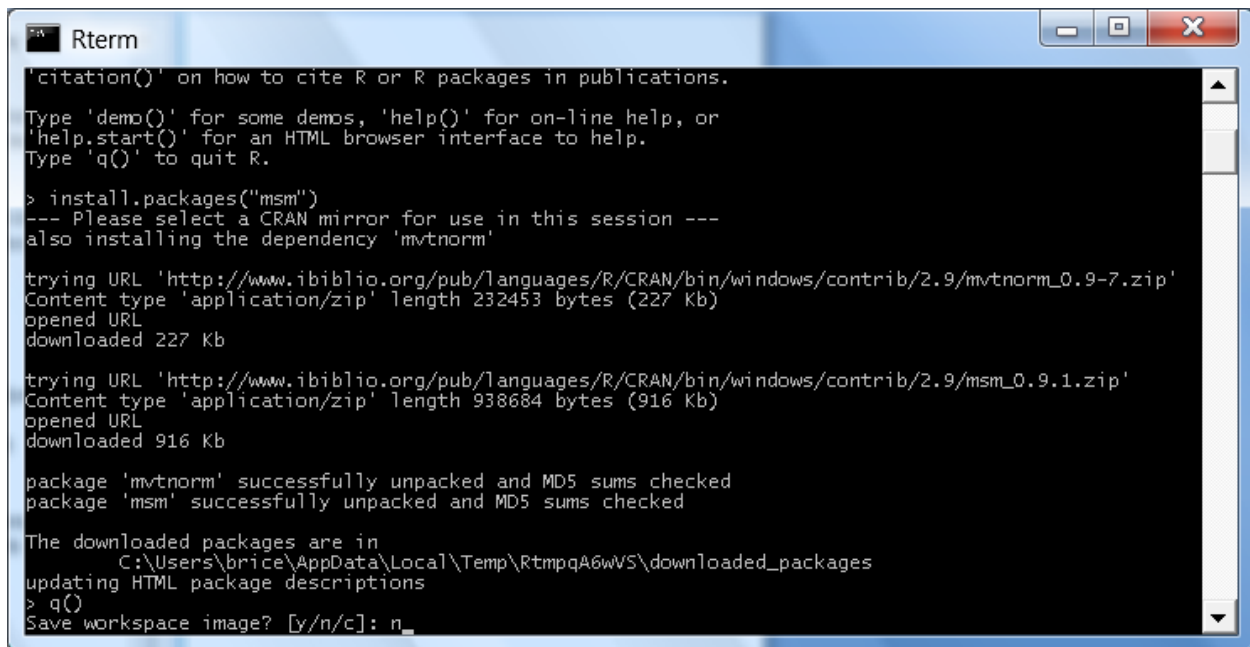
Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.

> install.packages("msm")
--- Please select a CRAN mirror for use in this session ---
```

3. Select the nearest location from the list provided and click the button labeled "OK"



4. After the status messages have disappeared and the package has been installed, type `q()` and press enter
5. Type `n` and press enter

A screenshot of an Rterm window. The window has a title bar with the text 'Rterm' and standard Windows window controls (minimize, maximize, close). The main area is a black terminal with white text. The text shows the R startup sequence, including help information and the installation of the 'msm' package and its dependency 'mvtnorm'. The user has entered 'q()' to quit R, and the prompt 'Save workspace image? [y/n/c]:' is shown with 'n' entered.

```
'citation()' on how to cite R or R packages in publications.  
Type 'demo()' for some demos, 'help()' for on-line help, or  
'help.start()' for an HTML browser interface to help.  
Type 'q()' to quit R.  
  
> install.packages("msm")  
--- Please select a CRAN mirror for use in this session ---  
also installing the dependency 'mvtnorm'  
  
trying URL 'http://www.ibiblio.org/pub/languages/R/CRAN/bin/windows/contrib/2.9/mvtnorm_0.9-7.zip'  
Content type 'application/zip' length 232453 bytes (227 Kb)  
opened URL  
downloaded 227 Kb  
  
trying URL 'http://www.ibiblio.org/pub/languages/R/CRAN/bin/windows/contrib/2.9/msm_0.9.1.zip'  
Content type 'application/zip' length 938684 bytes (916 Kb)  
opened URL  
downloaded 916 Kb  
  
package 'mvtnorm' successfully unpacked and MD5 sums checked  
package 'msm' successfully unpacked and MD5 sums checked  
  
The downloaded packages are in  
  C:\Users\brice\AppData\Local\Temp\RtmpqA6wVS\downloaded_packages  
updating HTML package descriptions  
> q()  
Save workspace image? [y/n/c]: n_
```