

Make sure R is NOT running before you start.

- 1. Create a directory on your H: drive where you would like to install the R packages, such as H:\Rlibs
- 2. Click the Windows 7 logo in the lower left (the Start button) and click in the "Search programs and files" input field

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All Programs	Run
Search programs and files	Log off
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3. Type "Edit Environment" and then select "Edit environment variables for your account"

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Control Panel (2)
I룊 Edit environment variables for your account
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edit environment × Log off >
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4. You should now see a window titled, Environment Variables.

Variable	Value
TEMP	%USERPROFILE%\AppData\Local\Temp
TMP	%USERPROFILE%\AppData\Local\Temp
	New Edit Delete
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ystem variables Variable	Value
ystem variables Variable CLASSPATH	Value .;C:\Program Files (x86)\QuidkTime\QTS
ystem variables Variable CLASSPATH ComSpec	Value .;C:\Program Files (x86)\QuickTime\QTS C:\Windows\system32\cmd.exe
ystem variables Variable CLASSPATH ComSpec CUDA_BIN_PATH	Value .;C: \Program Files (x86) \QuickTime \QTS C: \Windows \system32\cmd.exe C: \CUDA \bin64
vstem variables Variable CLASSPATH ComSpec CUDA_BIN_PATH CUDA_INC_PATH	Value .;C:\Program Files (x86)\QuidkTime\QTS C:\Windows\system32\cmd.exe C:\CUDA\bin64 C:\CUDA\indude

5. Click "New..." in the middle of the window to see the "New User Variable" dialog window

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New User Variable	•
Variable name: Variable value:	
System variables Variable	Value
System variables Variable CLASSPATH	Value
System variables Variable CLASSPATH ComSpec CUDA_BIN_PATH	Value .;C:\Program Files (x86)\QuickTime\QTS C:\Windows\system32\cmd.exe C:\CUDA\bin64
System variables Variable CLASSPATH ComSpec CUDA_BIN_PATH CUDA_INC_PATH	Value ,;C:\Program Files (x86)\QuickTime\QTS C:\Windows\system32\cmd.exe C:\CUDA\bin64 C:\CUDA\include
System variables Variable CLASSPATH ComSpec CUDA_BIN_PATH CUDA_INC_PATH	Value .;C:\Program Files (x86)\QuickTime\QTS C:\Windows\system32\cmd.exe C:\CUDA\bin64 C:\CUDA\include New Edit Delete

- In the "Variable name" field, type in all caps: R_LIBS In the "Variable value" field, type: H:\Rlibs (or whatever you called the package directory in step 1)

Environment Variable	rs 🛛 🖾
New User Variabl	e 💌
Variable name: Variable value:	R_LIBS H:\Rlibs OK Cancel
System variables	Value
CLASSPATH ComSpec CUDA_BIN_PATH CUDA_INC_PATH	.;C:\Program Files (x86)\QuickTime\QTS C:\Windows\system32\cmd.exe C:\CUDA\bin64 C:\CUDA\include
	New Edit Delete

7. Click OK and verify that you can see the Variable/Value pair listed under the "User variables for ..." section.

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User variables for hb	rown	
Variable	Value	
R_LIBS	H:\Rlibs	
TEMP	%USERPROFILE%\AppData\Local\Temp	
TMP	%USERPROFILE%\AppData\Local\Temp	
	New Edit Delete	
System variables	New Edit Delete	
System variables Variable	Value	
System variables Variable CLASSPATH	Value	
System variables Variable CLASSPATH ComSpec	Value .;C:\Program Files (x86)\QuickTime\QTS C:\Windows\system32\cmd.exe	
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System variables Variable CLASSPATH ComSpec CUDA_BIN_PATH CUDA_INC_PATH	Value .;C:\Program Files (x86)\QuickTime\QTS C:\Windows\system32\cmd.exe C:\CUDA\bin64 C:\CUDA\include	
System variables Variable CLASSPATH ComSpec CUDA_BIN_PATH CUDA_INC_PATH	New Edit Delete Value .;C:\Program Files (x86)\QuickTime\QTS C:\Windows\system32\cmd.exe C:\CUDA\bin64 C:\CUDA\jinclude New Edit Delete 	

- 8. Click OK again
- Start R and type in the command ".libPaths()" without the quotes. You should see an entry for H:\Rlibs (or whatever you chose in step 1). If you do not see H:\\Rlibs, then you have skipped one of the above steps. Do not proceed until .libPaths() reports correctly.

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R R Console		. • 💌
R version 2.10.1 (2009-12-14) Copyright (C) 2009 The R Found ISBN 3-900051-07-0	ation for Statistical Computing	Â
R is free software and comes w You are welcome to redistribut Type 'license()' or 'licence()	with ABSOLUTELY NO WARRANTY. e it under certain conditions. ' for distribution details.	
Natural language support but	running in an English locale	
R is a collaborative project w Type 'contributors()' for more 'citation()' on how to cite R	tith many contributors. information and or R packages in publications.	
Type 'demo()' for some demos, 'help.start()' for an HTML bro Type 'q()' to quit R.	<pre>'help()' for on-line help, or wser interface to help.</pre>	
<pre>> .libPaths() [1] "H:\\Rlibs" > </pre>	"C:/PROGRA~2/R/R-210~1.1/library"	
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10. You should now be able to run

install.packages('packagename', "H:\\Rlibs", "http://streaming.stat.iastate.edu/CRAN") to install a package (replace 'packagename' with the actual name of the package you want installed). If you leave 'packagename' blank, you'll get a list of all available packages. Also, if you aren't in Iowa, leave the URL blank where iastate.edu is listed.

If you need to add an additional package later, run "install.packages()" from within R to install what you need. You can get more information about the install.packages() command by running "?install.packages()"

We've had reports that putting a package directory on the network share may cause problems. As an alternative, if you have a D: drive, you can create a directory there instead. There are two drawbacks: the data is not backed up, and the package is only available when you are on that specific machine. If you switch to another machine, you'll need to do the set up again.



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