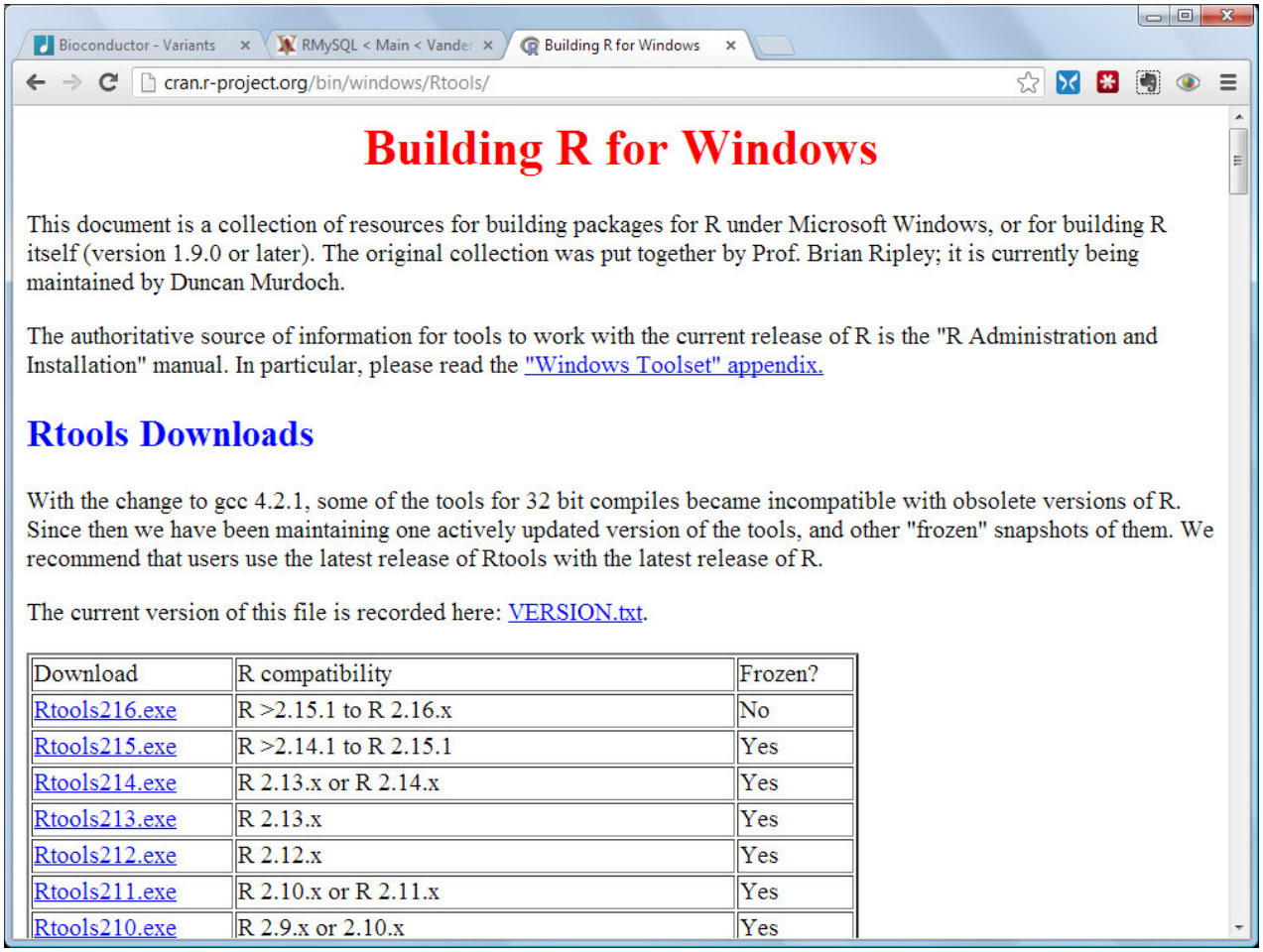
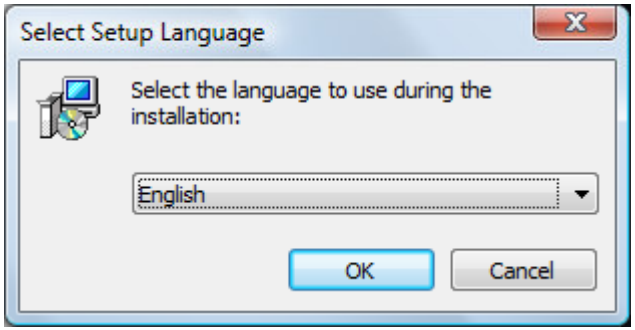
Rtools installation

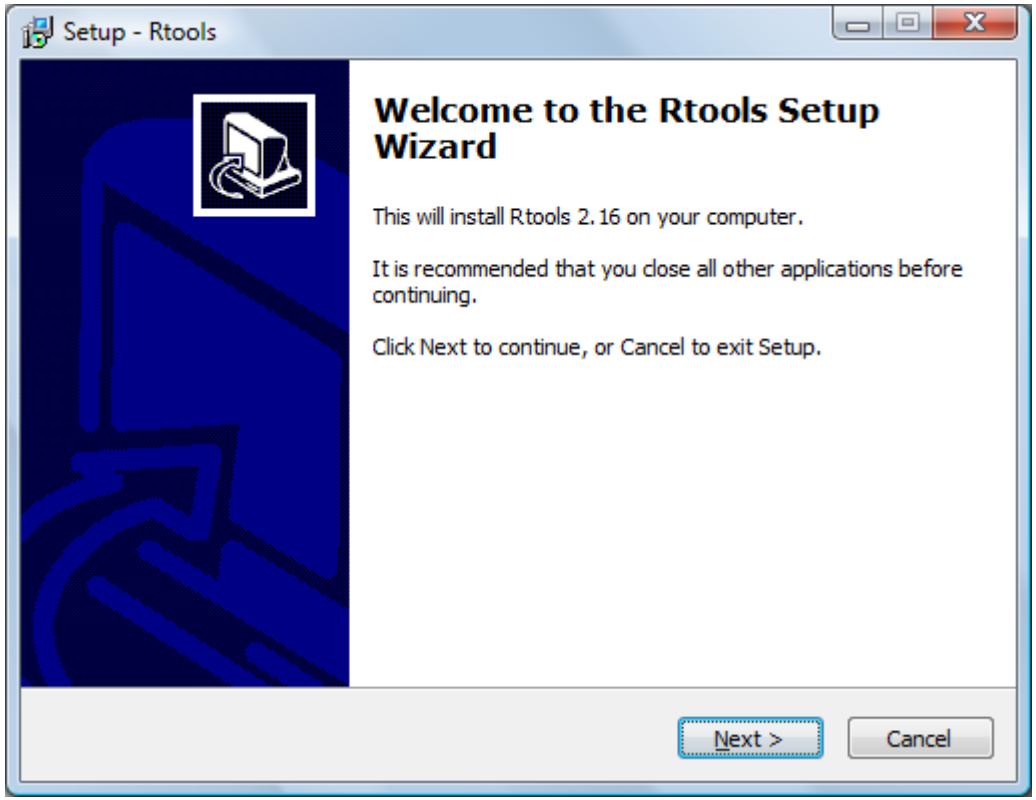
M.C. LI

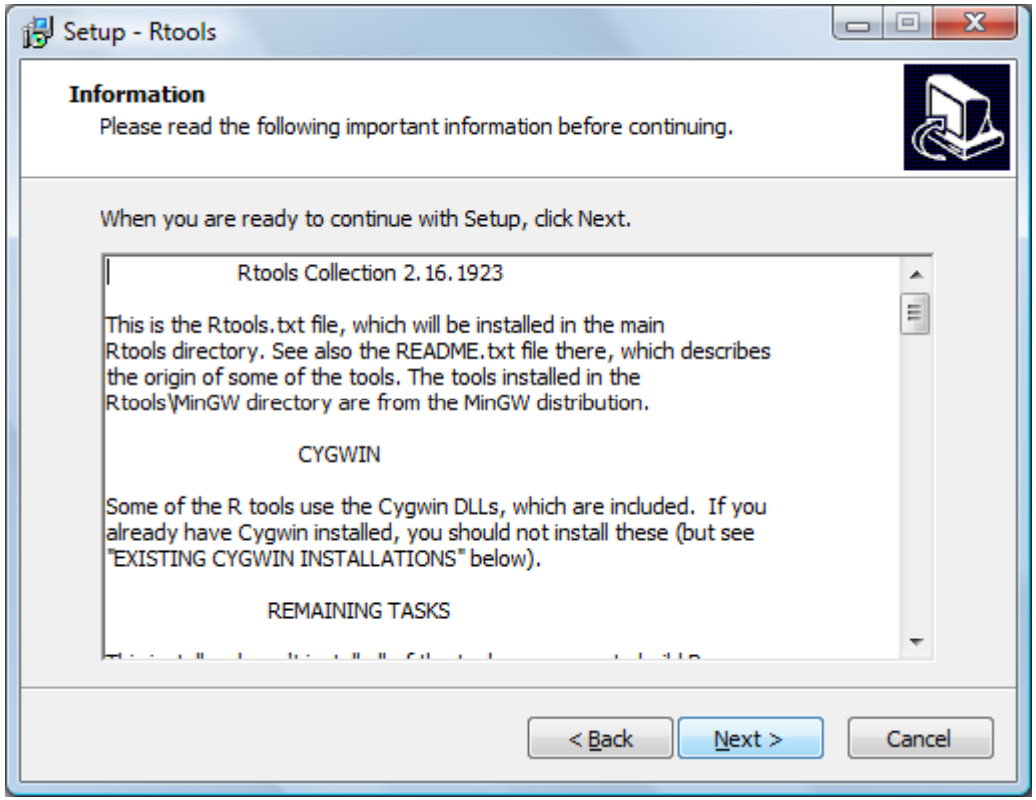
Download Rtools from http://cran.r-project.org/bin/windows/Rtools/

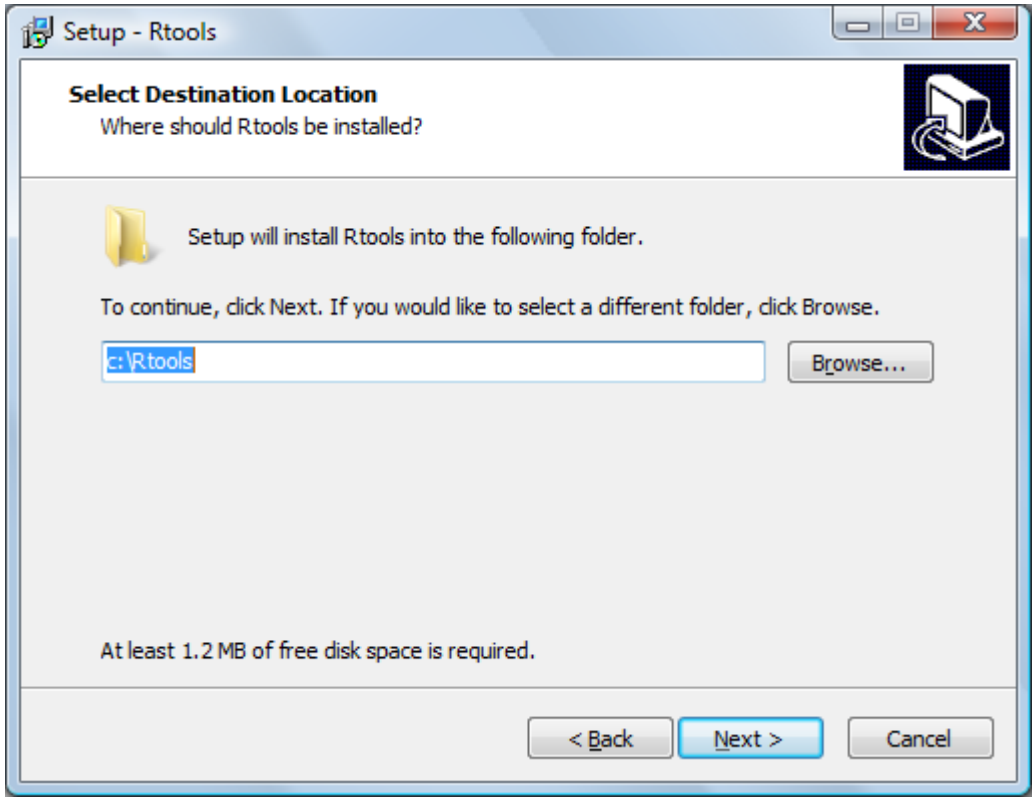


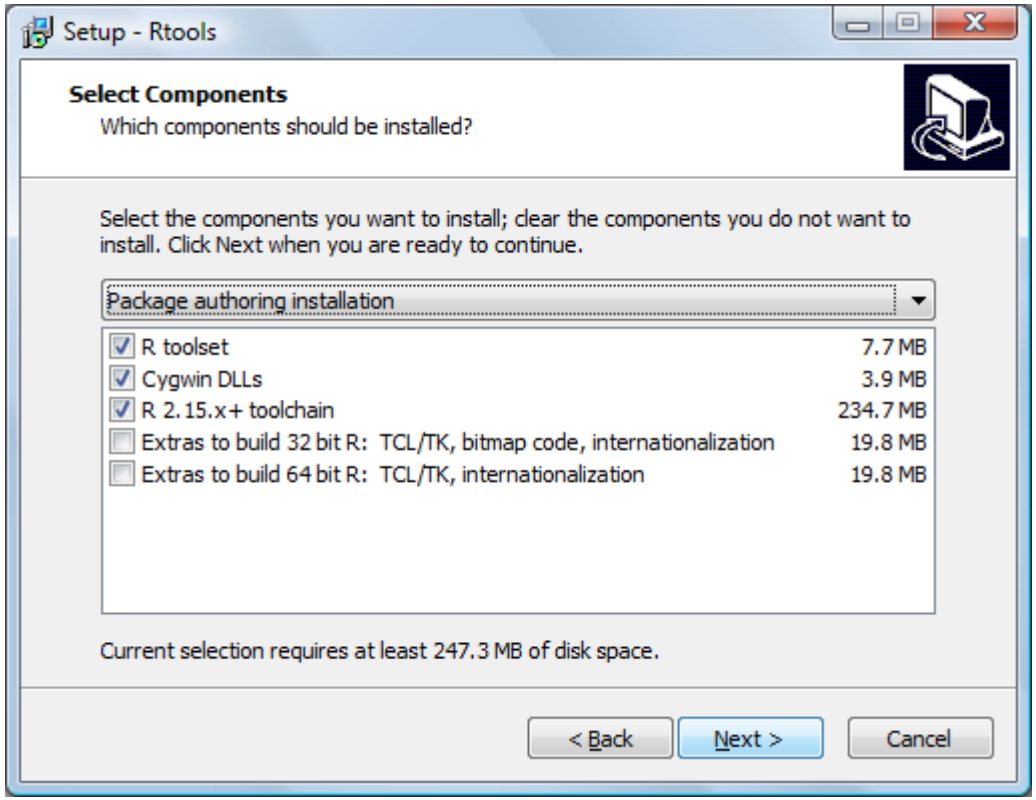
Double click installer to start the installation of Rtools



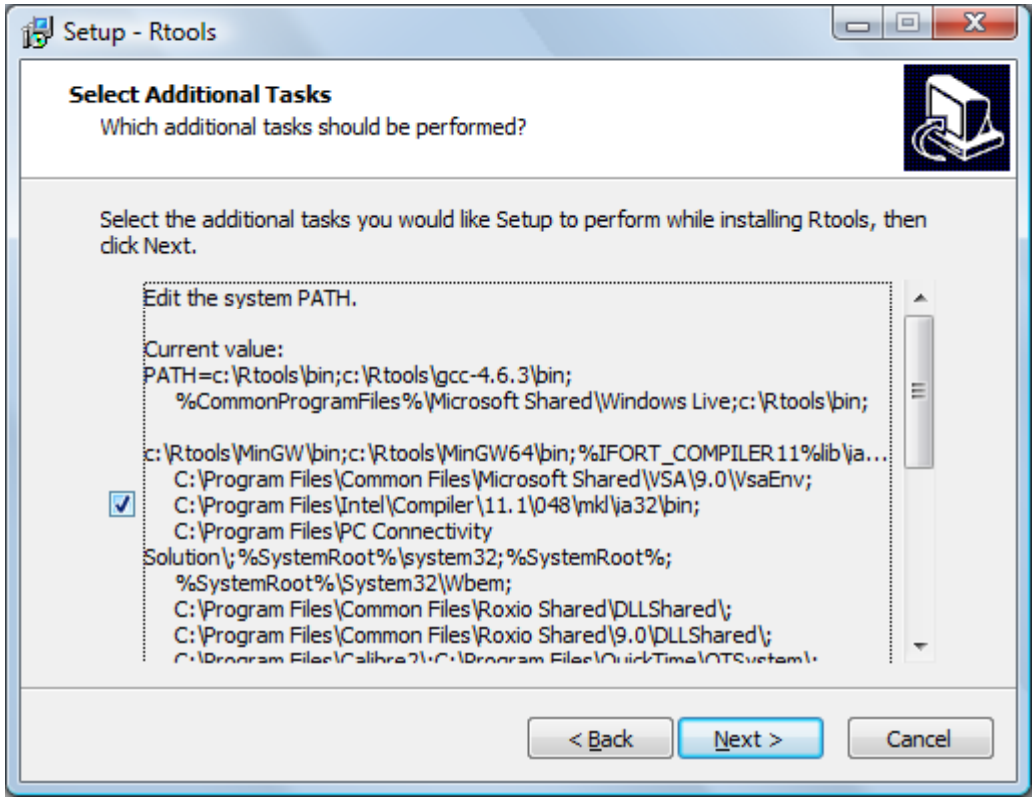

Setup - Rtools
Welcome to the Rtools Setup Wizard
This will install Rtools 2.16 on your computer.
It is recommended that you close all other applications before continuing.
Click Next to continue, or Cancel to exit Setup.
Next >
Cancel

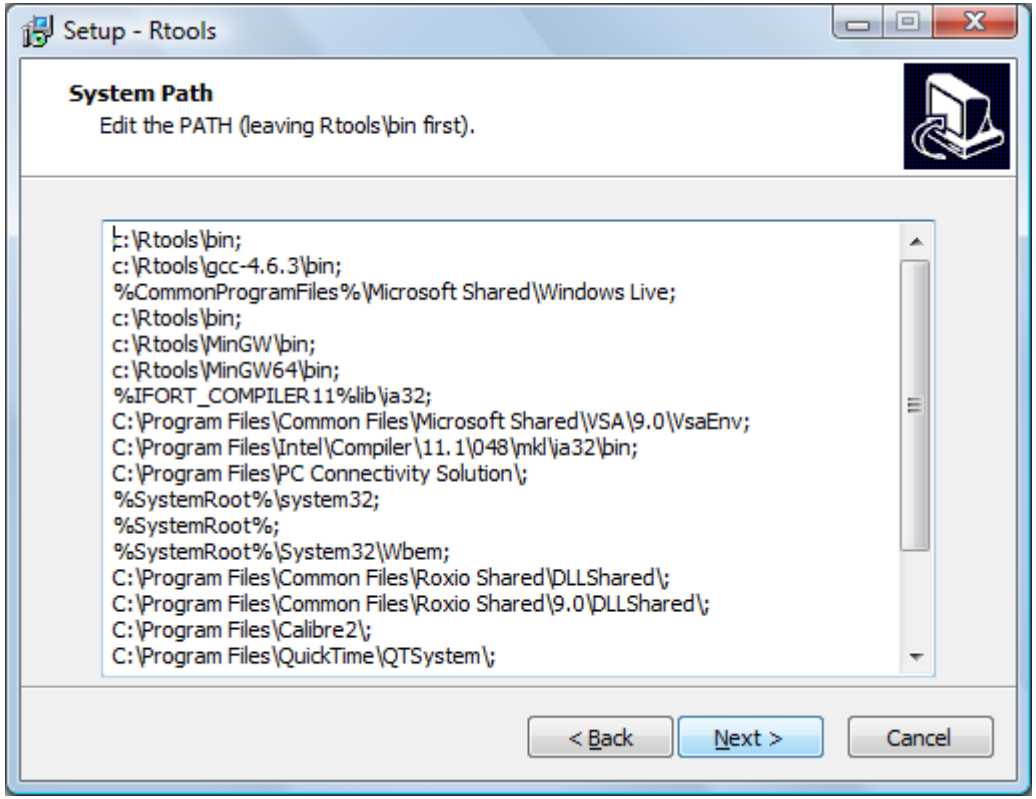

Setup - Rtools
Information
Please read the following important information before continuing.
When you are ready to continue with Setup, click Next.
Rtools Collection 2.16.1923
This is the Rtools.txt file, which will be installed in the main
Rtools directory. See also the README.txt file there, which describes
the origin of some of the tools. The tools installed in the
Rtools\MinGW directory are from the MinGW distribution.
CYGWIN
Some of the R tools use the Cygwin DLLs, which are included. If you
already have Cygwin installed, you should not install these (but see
"EXISTING CYGWIN INSTALLATIONS" below).
REMAINING TASKS
< Back
Next >
Cancel

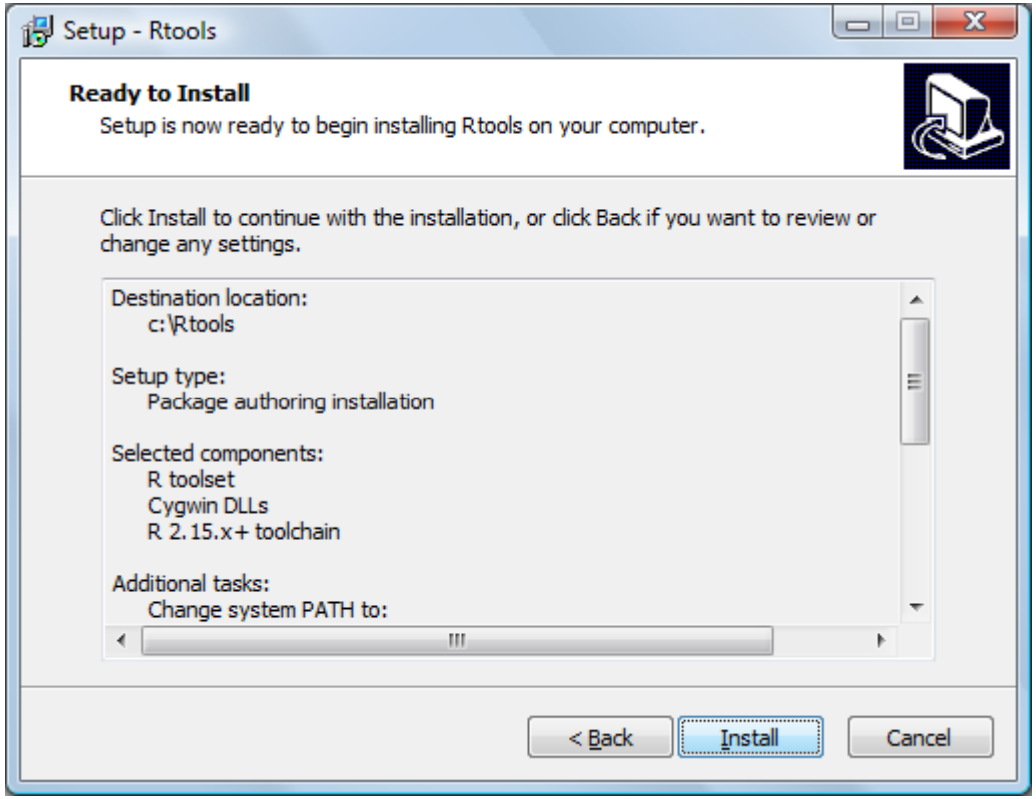

Setup - Rtools
Select Destination Location
Where should Rtools be installed?
Setup will install Rtools into the following folder.
To continue, click Next. If you would like to select a different folder, click Browse.
c:\Rtools
Browse...
At least 1.2 MB of free disk space is required.
< Back
Next >
Cancel

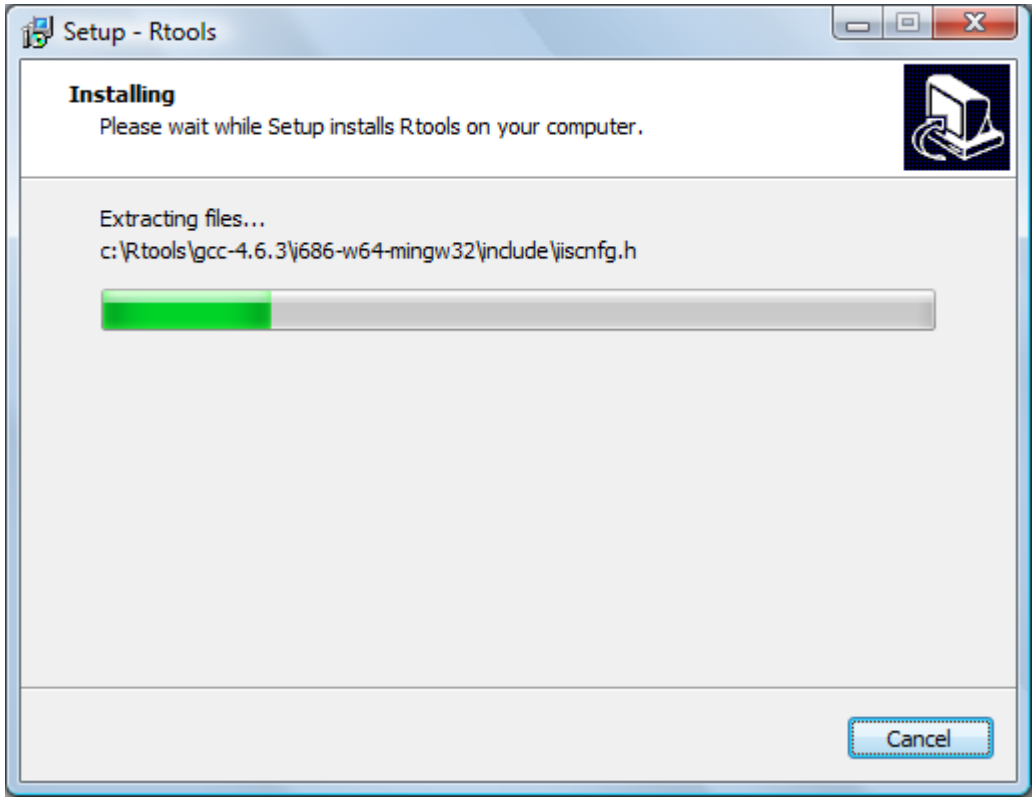

Setup - Rtools
Select Components
Which components should be installed?
Select the components you want to install; clear the components you do not want to install. Click Next when you are ready to continue.
Package authoring installation
R toolset 7.7 MB
Cygwin DLLs 3.9 MB
R 2.15.x+ toolchain 234.7 MB
Extras to build 32 bit R: TCL/TK, bitmap code, internationalization 19.8 MB
Extras to build 64 bit R: TCL/TK, internationalization 19.8 MB
Current selection requires at least 247.3 MB of disk space.
< Back
Next >
Cancel

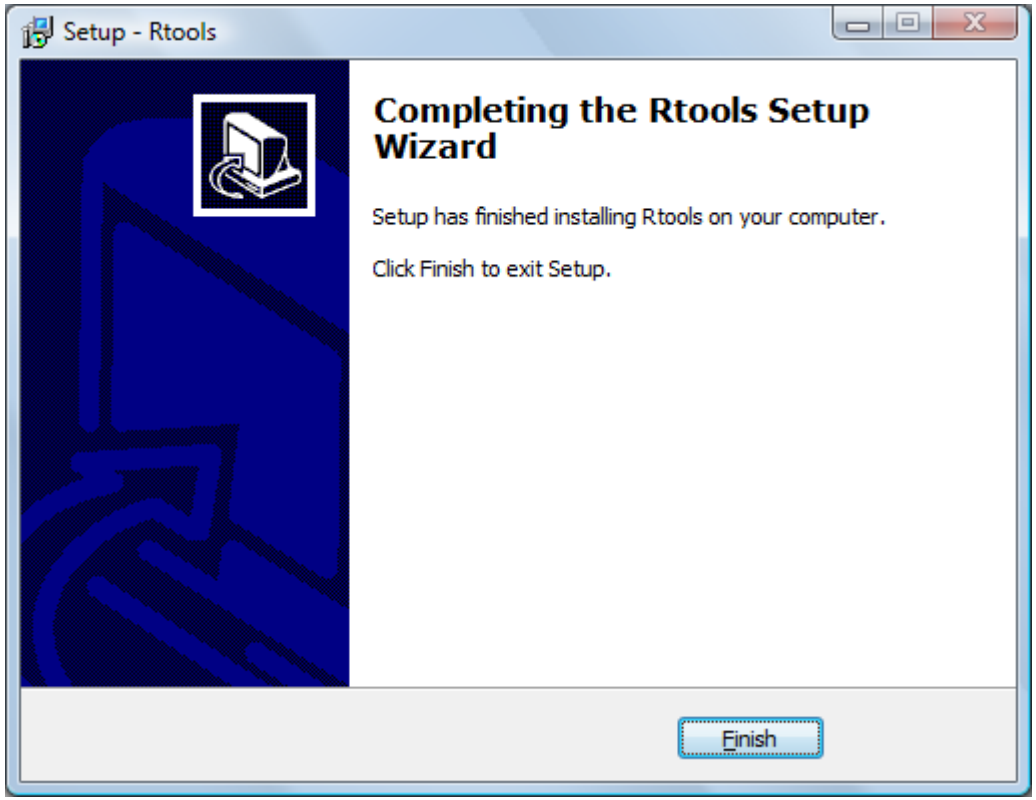
*Check the option of editing system PATH. Default is un-checked.



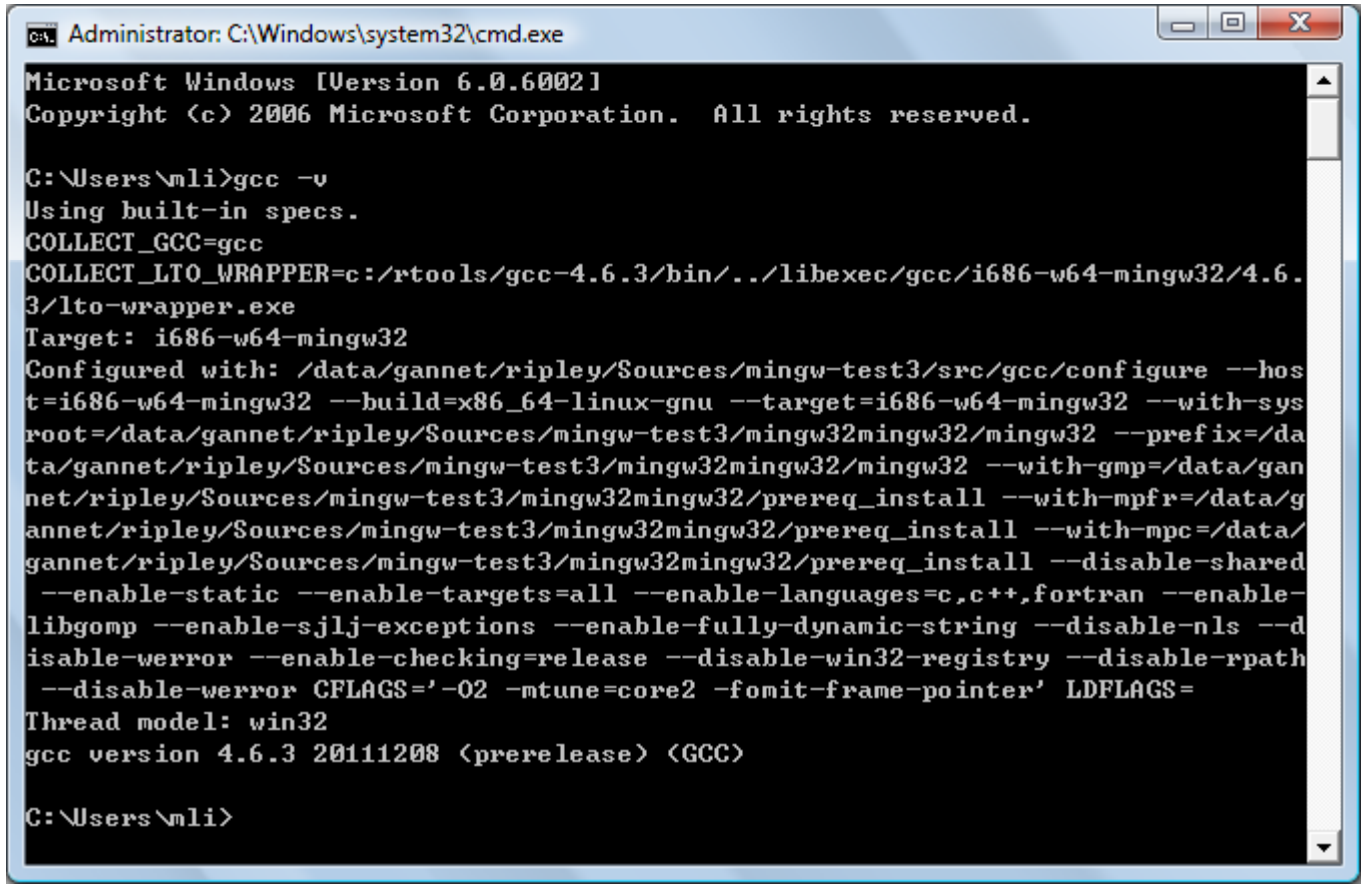

Setup - Rtools
System Path
Edit the PATH (leaving Rtools\bin first).
C:\Rtools\bin;
c:\Rtools\gcc-4.6.3\bin;
%CommonProgramFiles%\Microsoft Shared\Windows Live;
c:\Rtools\bin;
c:\Rtools\MinGW\bin;
c:\Rtools\MinGW64\bin;
%IFORT_COMPILER11%lib\ia32;
C:\Program Files\Common Files\Microsoft Shared\VSA\9.0\VsaEnv;
C:\Program Files\Intel\Compiler\11.1\048\mkl\ia32\bin;
C:\Program Files\PC Connectivity Solution\;
%SystemRoot%\system32;
%SystemRoot%;
%SystemRoot%\System32\Wbem;
C:\Program Files\Common Files\Roxio Shared\DLLShared\;
C:\Program Files\Common Files\Roxio Shared\9.0\DLLShared\;
C:\Program Files\Calibre2\;
C:\Program Files\QuickTime\QTSystem\;
< Back
Next >
Cancel


Setup - Rtools
Ready to Install
Setup is now ready to begin installing Rtools on your computer.
Click Install to continue with the installation, or click Back if you want to review or change any settings.
Destination location:
c:\Rtools
Setup type:
Package authoring installation
Selected components:
R toolset
Cygwin DLLs
R 2.15.x+ toolchain
Additional tasks:
Change system PATH to:
< Back
Install
Cancel


Setup - Rtools
Installing
Please wait while Setup installs Rtools on your computer.
Extracting files...
c:\Rtools\gcc-4.6.3\i686-w64-mingw32\include\iscnfg.h
Cancel


Setup - Rtools
Completing the Rtools Setup Wizard
Setup has finished installing Rtools on your computer.
Click Finish to exit Setup.
Finish

Open a command line window and make sure gcc can be found from anywhere.



- Now you should be able to install R packages from source if their source contain C/C++/Fortran code.
- See my other slides for examples.