



The R Project for Statistical Computing

[\[Home\]](#)

Download

[CRAN](#)

R Project

[About R](#)

[Logo](#)

[Contributors](#)

[What's New?](#)

[Mailing Lists](#)

[Bug Tracking](#)

[Development](#)

[Site](#)

[Conferences](#)

[Search](#)

Getting Started

R is a free software environment for statistical computing and graphics. It compiles and runs on a wide variety of UNIX platforms, Windows and MacOS. To **download R**, please choose your preferred [CRAN mirror](#).

If you have questions about R like how to download and install the software, or what the license terms are, please read our [answers to frequently asked questions](#) before you send an email.

News

- **R version 3.3.1 (Bug in Your Hair) prerelease versions** will appear starting Saturday 2016-06-11. Final release is scheduled for Tuesday 2016-06-21.
- **R version 3.3.0 (Supposedly Educational)** has been released on 2016-05-03

Desktop

12:43
2016-06-16



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[Home]

Download

[CRAN](#)

R Project

[About R](#)

[Logo](#)

[Contributors](#)

[What's New?](#)

[Mailing Lists](#)

[Bug Tracking](#)

[Development](#)

[Site](#)

[Conferences](#)

[Search](#)

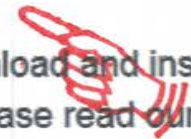
Getting Started

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News

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cran.r-project.org/mirrors.html



CRAN Mirrors

The Comprehensive R Archive Network is available at the following URLs, please choose a location close to you. Some statistics on the status of the mirrors can be found here: [main page](#), [windows release](#), [windows old release](#).

0-Cloud



<https://cloud.r-project.org/>

Automatic redirection to servers worldwide, currently sponsored by Rstudio

<http://cloud.r-project.org/>

Automatic redirection to servers worldwide, currently sponsored by Rstudio

Algeria

<https://cran.usthb.dz/>

University of Science and Technology Houari Boumediene

<http://cran.usthb.dz/>

University of Science and Technology Houari Boumediene

Argentina

<http://mirror.fcaglp.unlp.edu.ar/CRAN/>

Universidad Nacional de La Plata

Australia

<http://cran.csiro.au/>

CSIRO

<http://cran.ms.unimelb.edu.au/>

University of Melbourne

Austria

<https://cran.wu.ac.at/>

Wirtschaftsuniversität Wien

<https://cloud.r-project.org/>

Wirtschaftsuniversität Wien



The Comprehensive R Archive Network

Download and Install R

Precompiled binary distributions of the base system and contributed packages, **Windows and Mac** users most likely want one of these versions of R:

- [Download R for Linux](#)
- [Download R for \(Mac\) OS X](#)
- [Download R for Windows](#)



R is part of many Linux distributions, you should check with your Linux package management system in addition to the link above.

Source Code for all Platforms

Windows and Mac users most likely want to download the precompiled binaries listed in the upper box, not the source code. The sources have to be compiled before you can use them. If you do not know what this means, you probably do not want to do it!

- The latest release (2016-05-03, Supposedly Educational) [R-3.3.0.tar.gz](#), read [what's new](#) in the latest version.
- Sources of [R alpha and beta releases](#) (daily snapshots, created only in

- CRAN
- [Mirrors](#)
- [What's new?](#)
- [Task Views](#)
- [Search](#)

- [About R](#)
- [R Homepage](#)
- [The R Journal](#)

- [Software](#)
- [R Sources](#)
- [R Binaries](#)
- [Packages](#)
- [Other](#)

Documentation

https://cloud.r-project.org/bin/windows/

Subdirectories:

[base](#)

Binaries for base distribution (managed by Duncan Murdoch). This is what you want to install R for the first time.

[contrib](#)

Binaries of contributed CRAN packages (for R \geq 2.11.x; managed by Uwe Ligges). There is also information on [third party software](#) available for CRAN Windows services and corresponding environment and make variables.

[old contrib](#)

Binaries of contributed CRAN packages for outdated versions of R (for R $<$ 2.11.x; managed by Uwe Ligges).

[Rtools](#)

Tools to build R and R packages (managed by Duncan Murdoch). This is what you want to build your own packages on Windows, or to build R itself.

Please do not submit binaries to CRAN. Package developers might want to contact Duncan Murdoch or Uwe Ligges directly in case of questions / suggestions related to Windows binaries.

You may also want to read the [R FAQ](#) and [R for Windows FAQ](#).

Note: CRAN does some checks on these binaries for viruses, but cannot give guarantees. Use the normal precautions with downloaded executables.

[CRAN](#)
[Mirrors](#)
[What's new?](#)
[Task Views](#)
[Search](#)

[About R](#)
[R Homepage](#)
[The R Journal](#)

[Software](#)
[R Sources](#)
[R Binaries](#)
[Packages](#)
[Other](#)

[Documentation](#)

https://cloud.r-project.org/bin/windows/base/

R for Windows



R-3.3.0 for Windows (32/64 bit)

[Download R 3.3.0 for Windows](#) (62 megabytes, 32/64 bit)

[Installation and other instructions](#)

[New features in this version](#)



- CRAN
- [Mirrors](#)
- [What's new?](#)
- [Task Views](#)
- [Search](#)

- [About R](#)
- [R Homepage](#)
- [The R Journal](#)

- [Software](#)
- [R Sources](#)
- [R Binaries](#)
- [Packages](#)
- [Other](#)

[Documentation](#)

If you want to double-check that the package you have downloaded exactly matches the package distributed by R, you can compare the [md5sum](#) of the .exe to the [true fingerprint](#). You will need a version of md5sum for windows: both [graphical](#) and [command line versions](#) are available.

Frequently asked questions

- [Does R run under my version of Windows?](#)
- [How do I update packages in my previous version of R?](#)
- [Should I run 32-bit or 64-bit R?](#)

Please see the [R FAQ](#) for general information about R and the [R Windows FAQ](#) for Windows-specific information.

Other builds

candidates of the next release will be available [here](#).

R-3.3.0 for Windows (32/64 bit)



[Download](#)
[Installation](#)
[New features](#)

Opening R-3.3.0-win.exe

You have chosen to open:

R-3.3.0-win.exe
 which is: Binary File (70.2 MB)
 from: https://cloud.r-project.org

Would you like to save this file?



[CRAN Mirrors](#)
[What's new?](#)
[Task Views](#)
[Search](#)

[About R](#)
[R Homepage](#)
[The R Journal](#)

[Software](#)
[R Sources](#)
[R Binaries](#)
[Packages](#)
[Other](#)

[Documentation](#)
[Manuals](#)
[FAQs](#)

If you want to install a package, you will need to have the following available:

... matches the [fingerprint](#). You can find the [versions](#) are

- [Does R run under my version of Windows?](#)
- [How do I update packages in my previous version of R?](#)
- [Should I run 32-bit or 64-bit R?](#)

Please see the [R FAQ](#) for general information about R and the [R Windows FAQ](#) for Windows-specific information.

Other builds

- Beta's and release candidates of the next release will be available [here](#).

- Favorites
 - Desktop
 - Recent Places
 - Dropbox
 - Downloads
 - Libraries
 - Documents
 - Music
 - Pictures
 - Videos
 - Computer
 - OSDisk (C:)
 - DATA (D:)
 - Dropbox
 - DataFiles
 - EMBA
 - Mahmut Bebrau
- 48 items

Name	Date modified	Type
GlobalOptimization_WindowsX86_64.exe	2015-04-22 15:22	Application
GlobalOptimization2015WindowsX64Inst...	2015-04-16 21:33	Application
iTunes64Setup.exe	2014-05-02 13:28	Application
jxpiinstall.exe	2016-06-08 13:11	Application
Maple18WindowsX64Installer.exe	2014-04-15 14:29	Application
MegaStat.zip	2014-09-08 11:18	Compressed
MegaStat_Add_In_Installer.zip	2014-10-09 16:51	Compressed
prospect_theory.pdf	2016-06-07 13:27	Adobe Acrol
R-3.1.2-win.exe	2014-12-12 20:25	Application
R-3.1.3-win.exe	2015-03-18 14:25	Application
R-3.2.1-win.exe	2015-06-26 10:51	Application
R-3.2.2-win.exe	2015-08-23 11:19	Application
R-3.2.3-win.exe	2015-12-17 16:11	Application
R-3.2.4revised-win.exe	2016-04-05 14:10	Application
R-3.3.0-win.exe	2016-05-11 19:48	Application
seafire-4.0.5	10:38	Windows Ins
seafire-4.0.6	16:15	Windows Ins




File description: R for Windows 3.3.0 Setup
Company: R Core Team
File version: 3.3.0.20573
Date created: 2016-05-11 19:48
Size: 70.1 MB


Name	Date modified	Type
GlobalOptimization WindowsX86 64.exe	2015-04-22 15:22	Application
	2015-04-16 21:33	Application
	2014-05-02 13:28	Application
	2015-06-08 13:11	Application
	2014-04-15 14:29	Application
	2014-09-08 11:18	Compressed
	2014-10-09 16:51	Compressed
	2015-06-07 13:27	Adobe Acro
	2014-12-12 20:25	Application
	2015-03-18 14:25	Application
	2015-06-26 10:51	Application
	2015-08-23 11:19	Application
	2015-12-17 16:11	Application
	2015-04-05 14:10	Application
	2015-05-11 19:48	Application
seafile-4.0.5-en.msi	2014-12-25 10:38	Windows Ins
seafile-4.0.6-en.msi	2015-01-08 16:15	Windows Ins

Open File - Security Warning

The publisher could not be verified. Are you sure you want to run this software?

 Name: C:\Users\parlar\Downloads\R-3.3.0-win.exe
Publisher: **Unknown Publisher**
Type: Application
From: C:\Users\parlar\Downloads\R-3.3.0-win.exe

Always ask before opening this file

 This file does not have a valid digital signature that verifies its publisher. You should only run software from publishers you trust. [How can I decide what software to run?](#)

R-3.3.0-win.exe Date modified: 2016-05-11 19:48 Date created: 2016-05-11 19:48
Application Size: 70.1 MB

- Favorites
 - Desktop
 - Recent Places
 - Dropbox
 - Downloads
- Libraries
 - Documents
 - Music
 - Pictures
 - Videos
- Computer
 - OSDisk (C:)
 - DATA (D:)
 - Dropbox
 - DataFiles
 - EMBA

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GlobalOptimization2015WindowsX64Inst...	2015-04-16 21:33	Application
iTunes64Setup.exe	2014-05-02 13:28	Application
jxpiinstall.exe	2016-06-08 13:11	Application
	2014-04-15 14:29	Application
	2014-09-08 11:18	Compressed
	2014-10-09 16:51	Compressed
	2016-06-07 13:27	Adobe Acrol
	2014-12-12 20:25	Application
	2015-03-18 14:25	Application
	2015-06-26 10:51	Application
R-3.2.2-win.exe	2015-08-23 11:19	Application
R-3.2.3-win.exe	2015-12-17 16:11	Application
R-3.2.4revised-win.exe	2016-04-05 14:10	Application
R-3.3.0-win.exe	2016-05-11 19:48	Application
seafire-4.0.5-en.msi	2014-12-25 10:38	Windows Ins
seafire-4.0.6-en.msi	2015-01-08 16:15	Windows Ins

Select Setup Language

Select the language to use during the installation:


English

OK Cancel

R-3.3.0-win.exe Date modified: 2016-05-11 19:48 Date created: 2016-05-11 19:48
Application Size: 70.1 MB

- Favorites
 - Desktop
 - Recent Places
 - Dropbox
 - Downloads
- Libraries
 - Documents
 - Music
 - Pictures
 - Videos
- Computer
 - OSDisk (C:)
 - DATA (D:)
 - Dropbox
 - DataFiles
 - EMBA

Setup - R for Windows 3.3.0



Welcome to the R for Windows 3.3.0 Setup Wizard

This will install R for Windows 3.3.0 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

Modified	Type
-22 15:22	Application
-16 21:33	Application
-02 13:28	Application
-08 13:11	Application
-15 14:29	Application
-08 11:18	Compressed
-09 16:51	Compressed
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-18 14:25	Application
-26 10:51	Application
-23 11:19	Application
-17 16:11	Application
-05 14:10	Application
-11 19:48	Application
-25 10:38	Windows Ins
-08 16:15	Windows Ins

	R-3.3.0-win.exe	Date modified: 2016-05-11 19:48	Date created: 2016-05-11 19:48
	Application	Size: 70.1 MB	

Organize Open Share with Burn New folder

- Favorites
 - Desktop
 - Recent Places
 - Dropbox
 - Downloads

- Libraries
 - Documents
 - Music
 - Pictures
 - Videos

- Computer
 - OSDisk (C:)
 - DATA (D:)
 - Dropbox
 - DataFiles
 - EMBA

Setup - R for Windows 3.3.0

Information
Please read the following important information before continuing.

When you are ready to continue with Setup, click Next.

GNU GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software

< Back Next > Cancel

Modified	Type
-22 15:22	Application
-16 21:33	Application
-02 13:28	Application
-08 13:11	Application
-15 14:29	Application
-08 11:18	Compressed
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R-3.3.0-win.exe Date modified: 2016-05-11 19:48 Date created: 2016-05-11 19:48
Application Size: 70.1 MB

- ★ Favorites
 - Desktop
 - Recent Places
 - Dropbox
 - Downloads
- Libraries
 - Documents
 - Music
 - Pictures
 - Videos
- Computer
 - OSDisk (C:)
 - DATA (D:)
 - Dropbox
 - DataFiles
 - EMBA
 - Mahmut Rebrov

Setup - R for Windows 3.3.0

Select Destination Location
Where should R for Windows 3.3.0 be installed?

Setup will install R for Windows 3.3.0 into the following folder.

To continue, click Next. If you would like to select a different folder, click Browse.

At least 1.2 MB of free disk space is required.

Modified	Type
-22 15:22	Application
-16 21:33	Application
-02 13:28	Application
-08 13:11	Application
-15 14:29	Application
-08 11:18	Compressed
-09 16:51	Compressed
-07 13:27	Adobe Acro
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-18 14:25	Application
-26 10:51	Application
-23 11:19	Application
-17 16:11	Application
-05 14:10	Application
-11 19:48	Application
-25 10:38	Windows Ins
-08 16:15	Windows Ins

R-3.3.0-win.exe Date modified: 2016-05-11 19:48 Date created: 2016-05-11 19:48
Application Size: 70.1 MB

- ★ Favorites
 - Desktop
 - Recent Places
 - Dropbox
 - Downloads
- Libraries
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 - Videos
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 - OSDisk (C:)
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 - Dropbox
 - DataFiles
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Setup - R for Windows 3.3.0

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.

Custom installation

<input checked="" type="checkbox"/>	Core Files	66.7 MB
<input type="checkbox"/>	32-bit Files	43.8 MB
<input checked="" type="checkbox"/>	64-bit Files	44.4 MB
<input checked="" type="checkbox"/>	Message translations	7.3 MB

Current selection requires at least 119.4 MB of disk space.

< Back Next > Cancel

Modified	Type
-22 15:22	Application
-16 21:33	Application
-02 13:28	Application
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-15 14:29	Application
-08 11:18	Compressed
-09 16:51	Compressed
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R-3.3.0-win.exe	Date modified: 2016-05-11 19:48	Date created: 2016-05-11 19:48
Application	Size: 70.1 MB	

- Favorites
 - Desktop
 - Recent Places
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 - Downloads
- Libraries
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Setup - R for Windows 3.3.0

Startup options

Do you want to customize the startup options?

Please specify yes or no, then click Next.

Yes (customized startup)

No (accept defaults)

< Back Next > Cancel

Modified	Type
-22 15:22	Application
-16 21:33	Application
-02 13:28	Application
-08 13:11	Application
-15 14:29	Application
-08 11:18	Compressed
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-17 16:11	Application
-05 14:10	Application
-11 19:48	Application
-25 10:38	Windows Ins
-08 16:15	Windows Ins

R-3.3.0-win.exe Date modified: 2016-05-11 19:48 Date created: 2016-05-11 19:48
Application Size: 70.1 MB

- Organize
- Open
- Share with
- Burn
- New folder
- Favorites
 - Desktop
 - Recent Places
 - Dropbox
 - Downloads
- Libraries
 - Documents
 - Music
 - Pictures
 - Videos
- Computer
 - OSDisk (C:)
 - DATA (D:)
 - Dropbox
 - DataFiles
 - EMBA

Setup - R for Windows 3.3.0

Display Mode
Do you prefer the MDI or SDI interface?

Please specify MDI or SDI, then click Next.

MDI (one big window)

 SDI (separate windows)

< Back Next > Cancel

Modified	Type
-22 15:22	Application
-16 21:33	Application
-02 13:28	Application
-08 13:11	Application
-15 14:29	Application
-08 11:18	Compressed
-09 16:51	Compressed
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-17 16:11	Application
-05 14:10	Application
-11 19:48	Application
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-08 16:15	Windows Ins

R-3.3.0-win.exe Date modified: 2016-05-11 19:48 Date created: 2016-05-11 19:48
Application Size: 70.1 MB

- Organize
- Open
- Share with
- Burn
- New folder
- Favorites
 - Desktop
 - Recent Places
 - Dropbox
 - Downloads
- Libraries
 - Documents
 - Music
 - Pictures
 - Videos
- Computer
 - OSDisk (C:)
 - DATA (D:)
 - Dropbox
 - DataFiles
 - EMBA

Setup - R for Windows 3.3.0

Help Style

Which form of help display do you prefer?

Please specify plain text or HTML help, then click Next.

Plain text

HTML help

< Back Next > Cancel

Modified	Type
-22 15:22	Application
-16 21:33	Application
-02 13:28	Application
-08 13:11	Application
-15 14:29	Application
-08 11:18	Compressed
-09 16:51	Compressed
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-17 16:11	Application
-05 14:10	Application
-11 19:48	Application
-25 10:38	Windows Ins
-08 16:15	Windows Ins

R-3.3.0-win.exe Date modified: 2016-05-11 19:48 Date created: 2016-05-11 19:48
Application Size: 70.1 MB

- ★ Favorites
 - Desktop
 - Recent Places
 - Dropbox
 - Downloads
- Libraries
 - Documents
 - Music
 - Pictures
 - Videos
- Computer
 - OSDisk (C:)
 - DATA (D:)
 - Dropbox
 - DataFiles
 - EMBA

Setup - R for Windows 3.3.0

Select Start Menu Folder
Where should Setup place the program's shortcuts?

Setup will create the program's shortcuts in the following Start Menu folder.

To continue, click Next. If you would like to select a different folder, click Browse.

Don't create a Start Menu folder

Modified	Type
-22 15:22	Application
-16 21:33	Application
-02 13:28	Application
-08 13:11	Application
-15 14:29	Application
-08 11:18	Compressed
-09 16:51	Compressed
-07 13:27	Adobe Acrol
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-17 16:11	Application
-05 14:10	Application
-11 19:48	Application
-25 10:38	Windows Ins
-08 16:15	Windows Ins

	R-3.3.0-win.exe	Date modified: 2016-05-11 19:48	Date created: 2016-05-11 19:48
	Application	Size: 70.1 MB	

- Favorites
 - Desktop
 - Recent Places
 - Dropbox
 - Downloads
- Libraries
 - Documents
 - Music
 - Pictures
 - Videos
- Computer
 - OSDisk (C:)
 - DATA (D:)
 - Dropbox
 - DataFiles
 - EMBA

Setup - R for Windows 3.3.0

Select Additional Tasks
Which additional tasks should be performed?

Select the additional tasks you would like Setup to perform while installing R for Windows 3.3.0, then click Next.

Additional icons:

- Create a desktop icon
- Create a Quick Launch icon

Registry entries:

- Save version number in registry
- Associate R with .RData files

< Back Next > Cancel

Modified	Type
-22 15:22	Application
-16 21:33	Application
-02 13:28	Application
-08 13:11	Application
-15 14:29	Application
-08 11:18	Compressed
-09 16:51	Compressed
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-17 16:11	Application
-05 14:10	Application
-11 19:48	Application
-25 10:38	Windows Ins
-08 16:15	Windows Ins

R-3.3.0-win.exe Date modified: 2016-05-11 19:48 Date created: 2016-05-11 19:48
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- ★ Favorites
 - Desktop
 - Recent Places
 - Dropbox
 - Downloads
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 - Documents
 - Music
 - Pictures
 - Videos
- Computer
 - OSDisk (C:)
 - DATA (D:)
 - Dropbox
 - DataFiles
 - EMBA

Setup - R for Windows 3.3.0



Completing the R for Windows 3.3.0 Setup Wizard

Setup has finished installing R for Windows 3.3.0 on your computer. The application may be launched by selecting the installed icons.

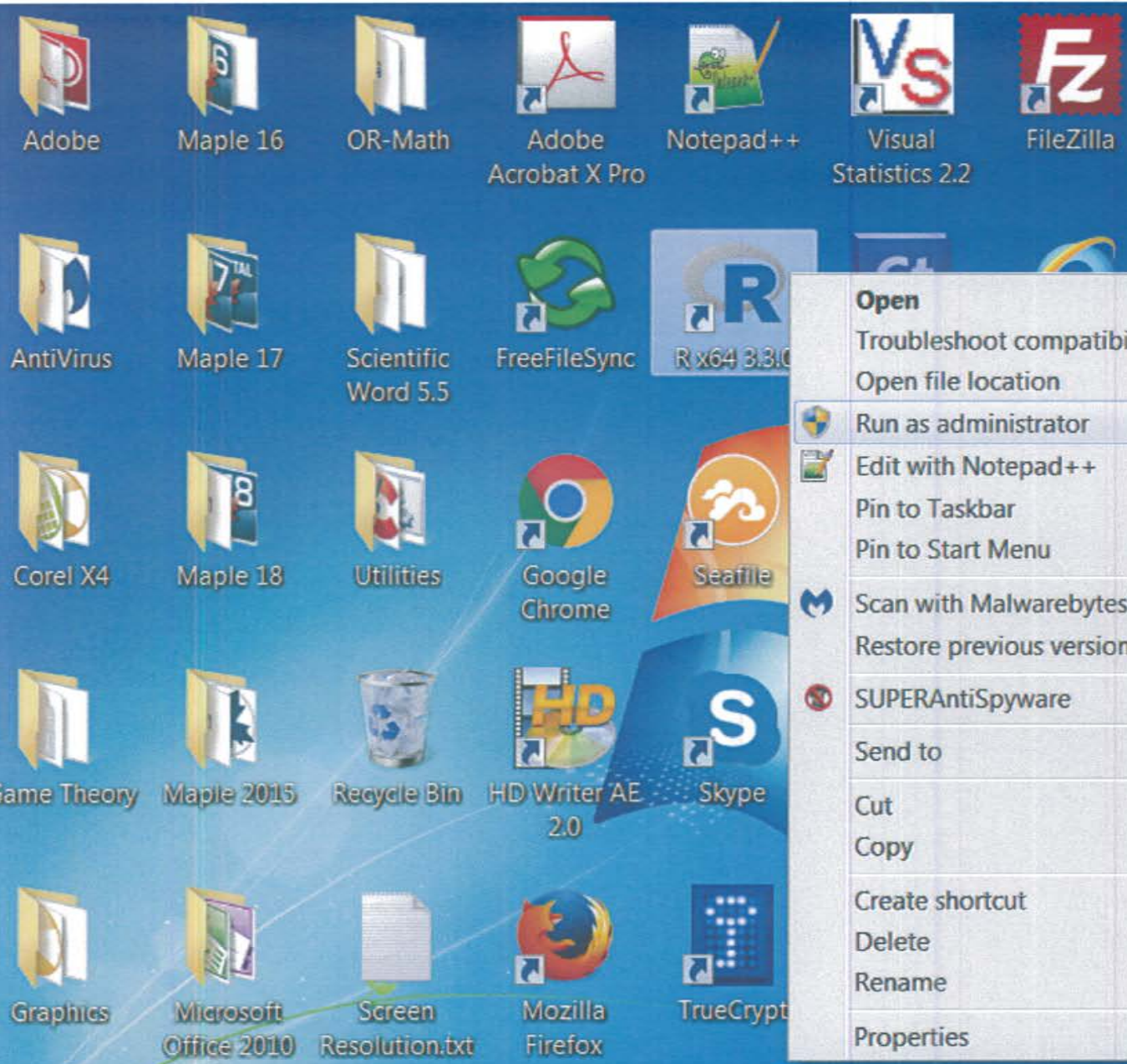
Click Finish to exit Setup.



Finish

Modified	Type
-22 15:22	Application
-16 21:33	Application
-02 13:28	Application
-08 13:11	Application
-15 14:29	Application
-08 11:18	Compressed
-09 16:51	Compressed
-07 13:27	Adobe Acro
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-23 11:19	Application
-17 16:11	Application
-05 14:10	Application
-11 19:48	Application
-25 10:38	Windows Ins
-08 16:15	Windows Ins

R-3.3.0-win.exe	Date modified: 2016-05-11 19:48	Date created: 2016-05-11 19:48
Application	Size: 70.1 MB	



- Open
- Troubleshoot compatibility
- Open file location
- Run as administrator
- Edit with Notepad++
- Pin to Taskbar
- Pin to Start Menu
- Scan with Malwarebytes Anti-Malware
- Restore previous versions
- SUPERAntiSpyware
- Send to
- Cut
- Copy
- Create shortcut
- Delete
- Rename
- Properties



R Console (64-bit)

File Edit Misc Packages Windows Help

- Load package...
- Set CRAN mirror...
- Select repositories...
- Install package(s)...
- Update packages...
- Install package(s) from local files...

R version 3.1.0
Copyright (C) 2014 R Foundation for Statistical Computing
Platform: x86_64-pc-linux-gnu
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Type 'q()' to quit R.

> |

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Desktop 12:46 2016-06-16

```
R Console (64-bit)
File Edit Misc Packages Windows Help

R version 3.3.0 (2016-05-03) -- "Supp
Copyright (C) 2016 The R Foundation f
Platform: x86_64-w64-mingw32/x64 (64-

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'help.start()' for an HTML browser in
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> update.packages(ask='graphics', chec
--- Please select a CRAN mirror for u
```

HTTPS CRAN mirror

- 0-Cloud [https]
- Algeria [https]
- Austria [https]
- Belgium (Ghent) [https]
- Chile [https]
- China (Beijing 4) [https]
- Colombia (Cali) [https]
- France (Lyon 1) [https]
- France (Lyon 2) [https]
- France (Paris 2) [https]
- Germany (Münster) [https]
- Iceland [https]
- Italy (Padua) [https]
- Japan (Tokyo) [https]
- Malaysia [https]
- Mexico (Mexico City) [https]
- New Zealand [https]
- Russia (Moscow) [https]
- Serbia [https]
- Spain (A Coruña) [https]
- Spain (Madrid) [https]
- Switzerland [https]
- UK (Bristol) [https]
- UK (Cambridge) [https]
- USA (CA 1) [https]
- USA (KS) [https]
- USA (MI 1) [https]
- USA (TN) [https]
- USA (TX) [https]
- USA (WA) [https]

OK Cancel



Taskbar area showing icons for Firefox, File Explorer, and the R application. The R icon is highlighted.

```
R Console (64-bit)
File Edit Misc Packages Windows Help

R version 3.3.0 (2016-05-03) -- "Supposedly Educational"
Copyright (C) 2016 The R Foundation for Statistical Computing
Platform: x86_64-w64-mingw32/x64 (64-bit)

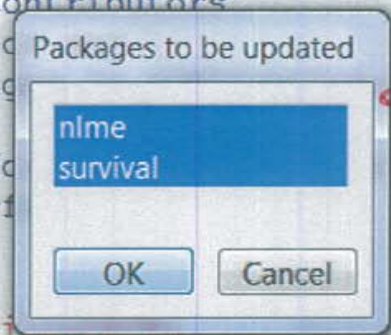
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Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.

> update.packages(ask='graphics',checkBuilt=TRUE)
--- Please select a CRAN mirror for use in this session ---
```



Office 2010 Resolution.txt Firefox



R Console (64-bit)

File Edit Misc Packages Windows Help

- Source R code...
- New script
- Open script...
- Display file(s)...
- Load Workspace...
- Save Workspace... **Ctrl+S**
- Load History...
- Save History...
- Change dir...
- Print... **Ctrl+P**
- Save to File...
- Exit**

```
ect with many contributors.
more information and
te R or R packages in publications.

mos, 'help()' for on-line help, or
L browser interface to help.

aphics',checkBuilt=TRUE)
mirror for use in this session ---
.r-project.org/bin/windows/contrib/3.3/nlme_3.1-128.zip
/zip' length 2159679 bytes (2.1 MB)

.r-project.org/bin/windows/contrib/3.3/survival_2.39-4$
Content type 'application/zip' length 4821469 bytes (4.6 MB)
downloaded 4.6 MB

package 'nlme' successfully unpacked and MD5 sums checked
package 'survival' successfully unpacked and MD5 sums checked

The downloaded binary packages are in
  C:\Users\parlar\AppData\Local\Temp\RtmpaUZFeG\downloaded_packages
> |
```



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Desktop >> [Taskbar icons: File Explorer, Help, Firefox, R]

12:47
2016-06-16

```
R Console (64-bit)
File Edit Misc Packages Windows Help

R is a collaborative project with many contributors.
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'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.

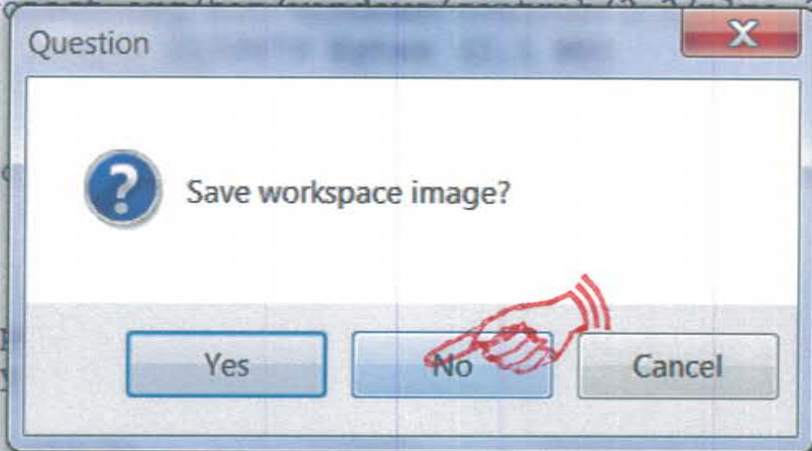
> update.packages(ask='graphics',checkBuilt=TRUE)
--- Please select a CRAN mirror for use in this session ---
trying URL 'https://cloud.r-project.org/bin/windows/base/old/20150421/r2.1-128.zip'
Content type 'application/zip'
downloaded 2.1 MB

trying URL 'https://cloud.r-project.org/bin/windows/base/old/20150421/r2.1-128.zip'
Content type 'application/zip'
downloaded 4.6 MB

package 'nlme' successfully updated
package 'survival' successfully updated

The downloaded binary packages are in
C:\Users\parlar\AppData\Local\Temp\RtmpaUZFeG\downloaded_packages

> q()
```



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