

# 1. How to Install R?

Please visit <http://www.r-project.org/>

The R Project for Statistical Computing

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 2.15.1 (Roasted Marshmallows) has been released on 2012-06-22.
- The R Journal Vol.4.1 is available.
- useR! 2012. took place at Vanderbilt University, Nashville Tennessee, USA, June 12-15, 2012.
- useR! 2013. will take place at the University of Castilla-La Mancha, Albacete, Spain, July 10-12 2013.

This server is hosted by the [Institute for Statistics and Mathematics](#) of the [WU Wien](#)

CRAN Mirrors

Poland	<a href="http://cran.stat.upd.edu.pl/">http://cran.stat.upd.edu.pl/</a>	University of the Philippines and PREGINET
Poland	<a href="http://piskitko.soft.net/pub/mirrors/CRAN/">http://piskitko.soft.net/pub/mirrors/CRAN/</a>	Piskitko - Data Storage Center
Poland	<a href="http://cranes.wsk.wroc.pl/">http://cranes.wsk.wroc.pl/</a>	University of Wrocław
Russia	<a href="http://cran.pislab.info/">http://cran.pislab.info/</a>	GIS-Lab info
Singapore	<a href="http://cran.stat.nus.edu.sg/">http://cran.stat.nus.edu.sg/</a>	National University of Singapore
Slovakia	<a href="http://cran.fysm.sk/">http://cran.fysm.sk/</a>	FYXM.net, Bratislava
South Africa	<a href="http://cran.mirror.ac.za/">http://cran.mirror.ac.za/</a>	TENET, Johannesburg
Spain	<a href="http://cran.es.r-project.org/">http://cran.es.r-project.org/</a>	Spanish National Research Network, Madrid
Sweden	<a href="http://ftp.su.se/pub/other/CRAN/">http://ftp.su.se/pub/other/CRAN/</a>	Swedish University Computer Network, Uppsala
Switzerland	<a href="http://cran.ethz.ch/">http://cran.ethz.ch/</a>	ETH Zurich
Taiwan	<a href="http://cran.cs.tsinghua.edu.cn/">http://cran.cs.tsinghua.edu.cn/</a>	Providence University, Taichang
Taiwan	<a href="http://cran.cis.tatn.edu.tw/">http://cran.cis.tatn.edu.tw/</a>	National Taiwan University, Taipei
Taiwan	<a href="http://mirrors.gsu.ac.th/pub/cran/">http://mirrors.gsu.ac.th/pub/cran/</a>	Prince of Songkla University, Hatyai
UK	<a href="http://www.stats.bris.ac.uk/R/">http://www.stats.bris.ac.uk/R/</a>	University of Bristol
UK	<a href="http://cran.maa.imperial.ac.uk/">http://cran.maa.imperial.ac.uk/</a>	Imperial College London
UK	<a href="http://cran.cerity.st-andrews.ac.uk/cran/">http://cran.cerity.st-andrews.ac.uk/cran/</a>	St Andrews University
USA	<a href="http://cran.or.berkeley.edu/">http://cran.or.berkeley.edu/</a>	University of California, Berkeley, CA
USA	<a href="http://cran.stat.ucd.edu/">http://cran.stat.ucd.edu/</a>	University of California, Los Angeles, CA
USA	<a href="http://cran.iamstat.iastate.edu/CRAN/">http://cran.iamstat.iastate.edu/CRAN/</a>	Iowa State University, Ames, IA
USA	<a href="http://ftp.usg.is.edu/CRAN/">http://ftp.usg.is.edu/CRAN/</a>	Indiana University
USA	<a href="http://cran.eb.quant.ku.edu/cran/">http://cran.eb.quant.ku.edu/cran/</a>	University of Kansas, Lawrence, KS
USA	<a href="http://cran.nci.nih.gov/cran_mirror/">http://cran.nci.nih.gov/cran_mirror/</a>	National Cancer Institute, Bethesda, MD
USA	<a href="http://cran.mtu.edu/">http://cran.mtu.edu/</a>	Michigan Technological University, Houghton, MI
USA	<a href="http://cran.usmf.edu/">http://cran.usmf.edu/</a>	Washington University, St. Louis, MO
USA	<a href="http://cran.casr.edu/">http://cran.casr.edu/</a>	Case Western Reserve University, Cleveland, OH
USA	<a href="http://ftp.cornell.org/pub/cran/">http://ftp.cornell.org/pub/cran/</a>	Oregon State University
USA	<a href="http://lib.stat.cmu.edu/R/CRAN/">http://lib.stat.cmu.edu/R/CRAN/</a>	Statlib, Carnegie Mellon University, Pittsburgh, PA
USA	<a href="http://cran.mirror.hobdy.com/">http://cran.mirror.hobdy.com/</a>	Hobdy Classifieds, Pittsburgh, PA
USA	<a href="http://mirrors.nics.utk.edu/cran/">http://mirrors.nics.utk.edu/cran/</a>	National Institute for Computational Sciences, Oak Ridge, TN

The Comprehensive R Archive Network

Download and Install

Precompiled binaries for base and contributed packages. Windows and Mac users most likely want one of these versions of R:

- [Download R for Linux](#)
- [Download R for MacOS 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 (2012-06-22, Roasted Marshmallow): [R 2.15.1 tar.gz](#), read [what's new](#) in the latest version.
- Sources of [R alpha and beta releases](#) (daily snapshots, created only in time periods before a planned release).
- Daily snapshots of current patched and development versions are [available here](#). Please read about [new features and bug fixes](#) before filing corresponding feature requests or bug reports.
- Source code of older versions of R is [available here](#).
- Contributed extension [packages](#)

Questions About R

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What are R and CRAN?

R is 'GNU S', a freely available language and environment for statistical computing and graphics which provides a wide variety of statistical and graphical techniques: linear and nonlinear modeling, statistical tests, time series analysis, classification, clustering, etc. Please consult the [R project homepage](#) for further information.

CRAN is a network of ftp and web servers around the world that store identical, up-to-date, versions of code and documentation for R. Please use the CRAN [mirror](#) nearest to you to minimize network load.

Submitting to CRAN

To "submit" to CRAN, check that your submission meets the [CRAN Repository Policy](#), upload to <ftp://CRAN.R-project.org/incoming> and send email to [CRAN@R-project.org](mailto:CRAN@R-project.org). Please do not attach submissions to emails, because this will clutter up the mailboxes of half a dozen people.

Note that we generally do not accept submissions of precompiled binaries due to security reasons. All binary distribution listed above are compiled by selected maintainers, who are in charge for all binaries of their platform, respectively.

R for Windows

Sub-projects

- [base](#)
- [contrib](#)
- [Rtools](#)

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

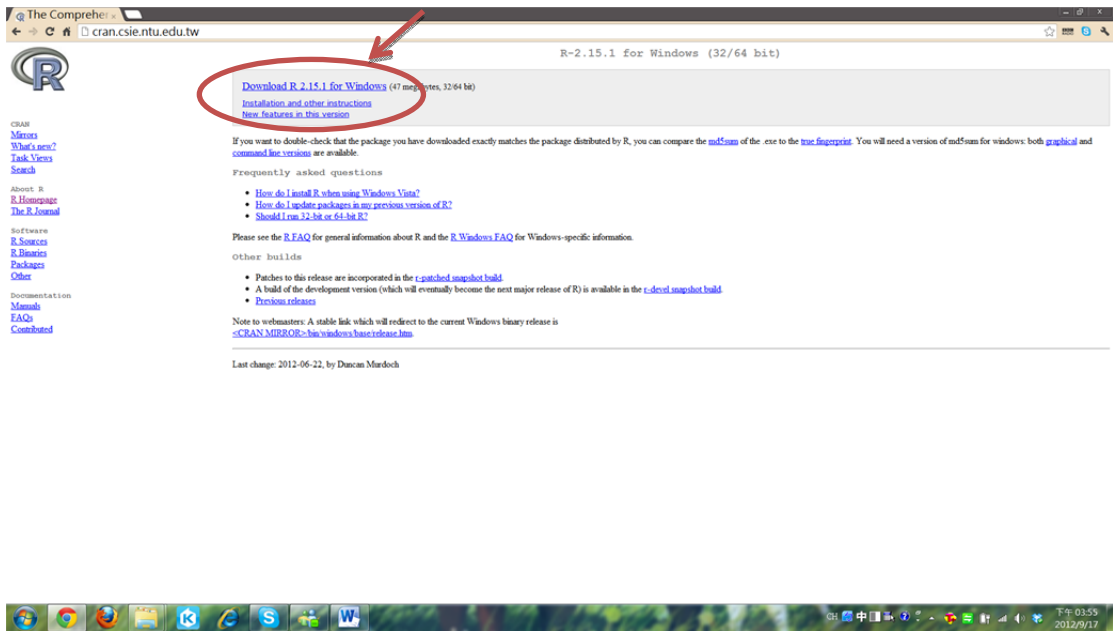
Binaries of contributed packages (managed by Uwe Ligges). There is also information on [third party software](#) available for CRAN Windows services and corresponding environment and make variables.

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.

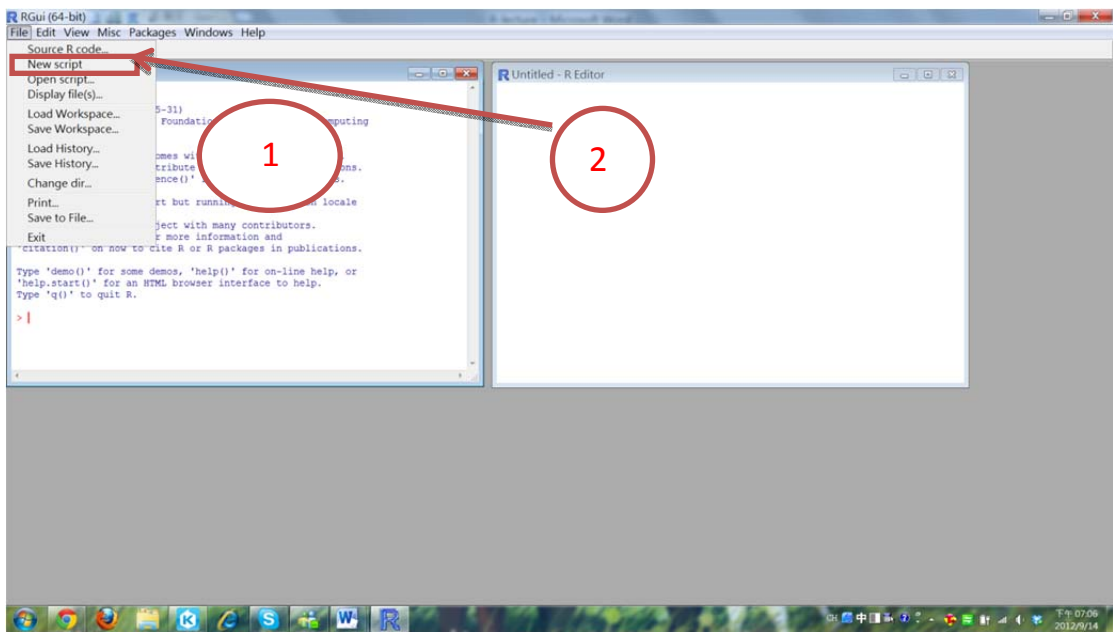
Please do not submit binaries to CRAN. Package developers might want to contact Duncan Murdoch or Uwe Ligges directly in case of questions / suggestions related to Windows binaries.

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.



## 2. Interface



### 3. Install Package

