R Installation Instructions for Windows

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The following resources provide guidance and step-by-step instructions for installing R:

- 1. Download the latest version of R
 - 1.1 Visit website of R project from : <u>http://www.r-project.org/</u>
 - 1.2 Press CRAN on the left side of webpage



1.3 Please choose an URL closed to your location.

			CRAN Mirrors		
		The Comprehensive R Archive Network is available at the following URLs, please choose a location close to y Some statistics on the status of the mirrors can be found here.			
		Australia			
About R	^	http://cran.ms.unimelb.edu.au/	University of Melbourne		
What is R?		Austria			
Contributors		http://cran.at.r-project.org/	Wirtschaftsuniversitaet Wien		
What's new?		Belgium			
WHILE S HOW F		http://www.freestatistics.org/cran/	K.U.Leuven Association		
Download, Packages	E	Brazil			
CRAN		http://cran-r.c3sl.ufpr.br/	Universidade Federal do Parana		
R Project		http://cran.fiocruz.br/	Oswaldo Cruz Foundation, Rio de Janeiro		
Foundation		http://www.vps.fmvz.usp.br/CRAN/	University of Sao Paulo, Sao Paulo		
Members & Donors		http://brieger.esalq.usp.br/CRAN/	University of Sao Paulo, Piracicaba		

For example, you may choose to download R from National Taiwan University, Taipei. Press <u>http://cran.csie.ntu.edu.tw/</u>

	Spain	
	opani	
	http://cran.es.r-project.org/	Spanish National Research Network, Madrid
	Sweden	
	http://ftp.sunet.se/pub/lang/CRAN/	Swedish University Computer Network, Uppsala
	Switzerland	
11	http://stat.ethz.ch/CRAN/	ETH Zuerich
About K	Taiwan	21112001011
What is R7	laiwan	Devidence University Taisburg
Contributors	http://cran.cs.pu.edu.tw/	Providence University, Taichung
Screenshots	http://cran.csie.ntu.edu.tw/	National Taiwan University, Taipei
What's new?	http://cran.stat.tku.edu.tw/	Tamkang University, Taipei
Download, Packages	Thailand	
CRAN	http://mirror.kapook.com/cran/	Kapook.com, Bangkok
	http://mirrors.psu.ac.th/pub/cran/	Prince of Songkla University, Hatvai
R Project		,,
Foundation	http://www.stata.brig.ac.uk/D/	University of Printel
Members & Donors	mup.//www.stats.bris.ac.uk/k/	University of Briston
Mailing Lists	http://cran.ma.imperial.ac.uk/	Imperial College London
Bug Tracking	USA	
Developer Page	http://cran.opensourceresources.org/	opensourceresources.org
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1.4 Choose Windows (You may choose different versions based on your computer operation system)

	The Comprehensive R Archive Network
	Frequently used pages
	Download and Install R
CRAN <u>Mirrors</u> What's new? Task Views Search	Precompiled binary distributions of the base system and contributed packages, Windows and Mac users most likely want one of these versions of R: Linux
About R	• Windows
R Homepage The R Journal	Source Code for all Platforms
Software R Sources R Binaries	Windows and Mac users most likely want 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!
Other	The latest release (2010-05-31): <u>R-2.11.1 tar.gz</u> (read <u>what's new</u> in the latest version).
1.5 Choose Ba	Se R for Windows This directory contains 32-bit binaries for a base distribution and packages to run on i386/x64 Windows. See <u>here</u> for a 64-bit Windows port.
CDAN	Note: CRAN does not have Windows systems and cannot check these binaries for viruses. Use the normal precautions w
Mirrors What's new?	Subdirectories:
Search	base Binaries for base distribution (managed by Duncan Murdoch)
About R R Homepage The R Journal	contrib Binaries of contributed packages (managed by Uwe Ligges) Please do not submit binaries to CRAN. Package developers might want to contact Duncan Murdoch or Uwe Ligges dire of questions / suggestions related to Windows binaries.
Software R Sources	F You may also want to read the <u>R FAQ</u> and <u>R for Windows FAQ</u> .
R Binaries Packages Other	Last modified: April 4, 2004, by Friedrich Leisch
1.6 Download	R (Latest version : R 2.11.1 for Windows)



1.7 When download is completed, double clicks on "R-2.11.1-win32.exe". It will install R automatically.



Setup - R for Windows 2.11.1	
Select Components Which components should be installed?	R
Select the components you want to install; clear the componer install. Click Next when you are ready to continue.	nts you do not want to
Full installation	
Technical Manuals	2.4 MB 🔺
PDF help pages (reference manual)	8.6 MB
Docs for Packages grid and Matrix	4.4 MB
Support Files for Package tcltk	10.0 MB
··· 🔽 Timezone files for Tcl	1.4 MB
Tcl/Tk Help (Compiled HTML)	1.7 MB ≡
Message Translations	4.8 MB
Test files	2.9 MB
Current selection requires at least 66.1 MB of disk space.	
< <u>B</u> ack	Next > Cancel



弱 Setup - R for Windows 2.11.1	
Select Additional Tasks Which additional tasks should be performed?	R
Select the additional tasks you would like Setup to perform while installing Windows 2.11.1, then click Next.	R for
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



- 2. Install packages
 - 2.1 Open RGui, and Choose 安裝程式套件

Real				
相與編輯 看 其它 雇業	「一夜年」 視 奇 新助	-		
* 2 - 1	载入程式赛件	1		
R Console	設定 CRAN 娛傻			
	選擇存放處	4	A	
	安装程式寄件			
R version 2.11.1 Copyright (C) 20	更新程式套件	L Computing		
ISBN 3-900051-07	用本機的 zip 檔案來安裝程式套件			
 R 是免費軟體・不提供 本某些修件下係可以等 	英任何擔保。 與其自由數布。			
用 'license()' 或 '	licence()。來獲得散布的詳細條件			
R_是個合作計劃,有制	F多人為之做出了貢獻。			
用 'contributors()' 用 'citation()' 會会	· 來者評細的情況並且 告訴您如何在出版品中正確地參照 3	或 R 客件。		
用 'demo()' 來看一個	些示範程式・用 'help()' 來檢視線	上輔助檔案・或		
用 'nelp.start()' 別 用 'q()' 離開 R。	2週 HIML 瀏覽器來增輔助檔案。			
[Previoualy saved w	orkapage reatored]			
21				
			-	
<			E la	

2.1 Choose CRAN mirror



2.2 Select All Packages and press 確定



2.3 It takes a while (more than 10 min) to complete download process. During the download, you may not do anything with RGui.

R RGui	
檔案 編輯 看 其它 程式套件 視窗 輔助	
R Console	
package 'AlgDesign' successfully unpacked and MD5 sums checked package 'allelic' successfully unpacked and MD5 sums checked package 'alphahull' successfully unpacked and MD5 sums checked package 'alphahull' successfully unpacked and MD5 sums checked package 'allo' successfully unpacked and MD5 sums checked package 'allo' successfully unpacked and MD5 sums checked package 'amap' successfully unpacked and MD5 sums checked package 'amap' successfully unpacked and MD5 sums checked package 'amap' successfully unpacked and MD5 sums checked package 'amei' successfully unpacked and MD5 sums checked package 'amei' successfully unpacked and MD5 sums checked package 'amei' successfully unpacked and MD5 sums checked package 'aner's successfully unpacked and MD5 sums checked package 'analogue' successfully unpacked and MD5 sums checked package 'anahyse! successfully unpacked and MD5 sums checked package 'anahyse! successfully unpacked and MD5 sums checked package 'anahyse! successfully unpacked and MD5 sums checked package 'animal' successfully unpacked and MD5 sums checked package 'animation' successfully unpacked and MD5 sums checked package 'animation' successfully unpacked and MD5 sums checked package 'animation' successfully unpacked and MD5 sums checked	
4	

2.4 When download is completed, you may able to type any command on R Console. For example :

R Console	
a control of the second s	
package 'ses' successfully unpacked and MD5 sums checked	
package 'yacca' successfully unpacked and MD5 sums checked	
package 'yags' successfully unpacked and MD5 sums checked	
package 'yaImpute' successfully unpacked and MD5 sums checked	
package 'YaleToolkit' successfully unpacked and MD5 sums checked	
package 'yaml' successfully unpacked and MD5 sums checked	
package 'yest' successfully unpacked and MD5 sums checked	
package 'yhat' successfully unpacked and MD5 sums checked	
package 'YieldCurve' successfully unpacked and MD5 sums checked	
package 'YourCast' successfully unpacked and MD5 sums checked	
package 'Zelig' successfully unpacked and MDS sums checked	
package 'zic' successfully unpacked and MD5 sums checked	
package 'ZIGP' successfully unpacked and MD5 sums checked	
package 'zipfR' successfully unpacked and MD5 sums checked	
package 'zoeppritz' successfully unpacked and MD5 sums checked	
package 'zoo' successfully unpacked and MD5 sums checked	
package 'zyp' successfully unpacked and MD5 sums checked	
The point oadea packages are in	a alta ga a
1 111	ackages
[11.2	
> Yeah { Packages install successfully WOW ~]	

2.5 Turn off RGui and save the workspace image.

- For more information :
 - 1. http://cran.csie.ntu.edu.tw/manuals.html
 - 2. Open RGui and choose /輔助/手冊(PDF)