

Installation of R Studio

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R Studio

- RStudio is a free and open-source integrated development environment (IDE) for R, a programming language for statistical computing and graphics.
- RStudio was founded by JJ Allaire, creator of the programming language ColdFusion. Hadley Wickham is the Chief Scientist at RStudio.
- RStudio is available in two editions: RStudio Desktop, where the program is run locally as a regular desktop application; and RStudio Server, which allows accessing RStudio using a web browser while it is running on a remote Linux server.
- Prepackaged distributions of RStudio Desktop are available for Windows, OS X, and Linux.



Console Installation: Windows

- You can download the Windows installer version of R from R-3.2.2 for Windows and save it in a local directory.
- As it is a Windows installer (.exe) with a name "R-version-win.exe". You can just double click and run the installer accepting the default settings.
- After installation you can locate the icon to run the Program in a directory structure "R\R3.2.2\bin\i386\Rgui.exe" under the Windows Program Files. Clicking this icon brings up the R-GUI which is the R console to do R Programming.
- *Link: <https://cran.r-project.org/bin/windows/base/>*

Console Installation: Linux

- R is available as a binary for many versions of Linux at the location R Binaries. (<https://cran.r-project.org/bin/linux/>)
- The instruction to install Linux varies from flavor to flavor. These steps are mentioned under each type of Linux version in the mentioned link.

```
$ sudo yum install r-base [Fedora]
```

```
$ sudo apt-get install r-base [Ubuntu]
```

- Above command will install core functionality of R programming along with standard packages, still you need additional package, then you can launch R prompt as follows–

```
$ R
```

R Studio

- RStudio is available in open source and commercial editions and runs on the desktop (Windows, OS X, and Linux) or in a browser connected to RStudio Server or RStudio Server Pro (Debian, Ubuntu, Red Hat Linux, CentOS, openSUSE and SLES).
- RStudio is written in the C++ programming language and uses the Qt framework for its graphical user interface.
- Work on RStudio started at around December 2010, and the first public beta version (v0.92) was officially announced in February 2011

Download R Studio

<https://www.rstudio.com/products/rstudio/download/>

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RStudio 0.99.893 - Mac OS X 10.6+ (64-bit)	60 MB	2016-03-18	d99a0c5358cfe4a255a557e4df09e271
RStudio 0.99.893 - Ubuntu 12.04+/Debian 8+ (32-bit)	81.6 MB	2016-03-18	602be348a65af48dcacf7b55dca083cf
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RStudio 0.99.893 - Fedora 19+/RedHat 7+/openSUSE 13.1+ (32-bit)	80.9 MB	2016-03-18	0697ed3b76af0f51daf0aae7e8b5d4b0
RStudio 0.99.893 - Fedora 19+/RedHat 7+/openSUSE 13.1+ (64-bit)	81.9 MB	2016-03-18	f9d2d4c2573fb0df0223a5507e7cf631

Zip/Tarballs

Zip/tar archives

Zip/tar archives	Size	Date	MD5
RStudio 0.99.893 - Windows Vista/7/8/10	110.5 MB	2016-03-18	93008ae1e2e8eb2999e8cacde23724c6
RStudio 0.99.893 - Ubuntu 12.04+/Debian 8+ (32-bit)	82.3 MB	2016-03-18	b0efd687171ea6418b8920ccd0ee3c80
RStudio 0.99.893 - Ubuntu 12.04+/Debian 8+ (64-bit)	89.2 MB	2016-03-18	80c67b8082fab4df1f196a8a84296db9
RStudio 0.99.893 - Fedora 19+/RedHat 7+/openSUSE 13.1+ (32-bit)	81.6 MB	2016-03-18	5a2a2b13cab8c5533eb82933daaa4f6a
RStudio 0.99.893 - Fedora 19+/RedHat 7+/openSUSE 13.1+ (64-bit)	82.8 MB	2016-03-18	d8ef570bddd3b0f8e557c9e0d363724e

Download R Studio

- Windows:
 - <https://download1.rstudio.org/RStudio-0.99.893.exe>
- Ubuntu:
 - <https://download1.rstudio.org/rstudio-0.99.893-i386.deb>
- Fedora:
 - <https://download1.rstudio.org/rstudio-0.99.893-i686.rpm>
- *Linux flavors differentiates 32bit and 64bit as well as .deb and .rpm packages.*

Install R Studio

- Installation is Ubuntu Linux:

- File available is:

`rstudio-0.99.893-i386.deb`



`rstudio-0.99.893-
i386.deb`

- `sudo apt-get install libjpeg62`
- `sudo dpkg -i rstudio-0.99.893-i386.deb`

Hence Concluded...

- As a conclusion, R is world's most widely used statistics programming language.
- It's the # 1 choice of data scientists and supported by a vibrant and talented community of contributors.
- R is taught in universities and deployed in mission critical business applications.

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Thank you

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<http://kyamputar.blogspot.in>

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