

Rsquared Academy



Getting Help in R


In this module, we will learn about the different methods of getting help in R. Often we get stuck while doing some analysis as either we do not know the correct function to use or its syntax. It is important for anyone who is new to R to know the right place to look for help. There are two ways to look for help in R:

- built in help system
- online

In the first section, we will look at various online resources and in the second section, we will explore the various ways to access the built in help system of R. Let us get started!


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Ask Question

R is a free, open-source programming language and software environment for statistical computing, bioinformatics, visualization and general computing. Provide minimal, reproducible, representative example(s) with your questions. Use `dput()` for data and specify all non-base packages with `library ...`

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249,789 questions

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Time Condition ObserveEvent/Reactive Shiny

(first question today, hope it will be successful) I am currently developing a shiny app and I would like to automatically create a `dataTable` dependent on time. For example, to add a row every second....

0 answers


r

time

datatable

shiny

asked 1 min ago

 Abuche 1

2 views

0 votes


Include text in R Notebook directly from a file

Is it possible to include text directly from a file (word document for example) in a R Notebook? I have the following script, but I am not happy with the solution as it includes the text as an output ...

0 answers

r

asked 3 mins ago

 Bruno Guarita 54 • 8

5 views

0 votes

Doing clustering with some variables always clustered together

Is there some R functions to perform clustering (`hclust`, `kmeans`, ect.) on n variables X_1, X_2, \dots, X_n , with the constraint that some variables X_i, X_j, \dots, X_k are always clustered together?

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R Generation: 25 Years of R

August 1, 2018

By David Smith



The August 2018 issue of Significance Magazine includes a retrospective feature on the R language. (I suggest reading the PDF version, also available for free access.) The article by Nick

Thieme looks back at the 25 years since the R language was first conceived at Auckland University in 1992. It follows the history of R through the first public...

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Exploratory Data Analysis in R (introduction)

August 1, 2018

By Pablo Casas



Understanding Titanic Dataset with H2O's AutoML, DALEX, and lares library

August 1, 2018

By Bernardo Lares

SEARCH R-BLOGGERS

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- [1. How to write the first for loop in R](#)
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18.1K Tweets

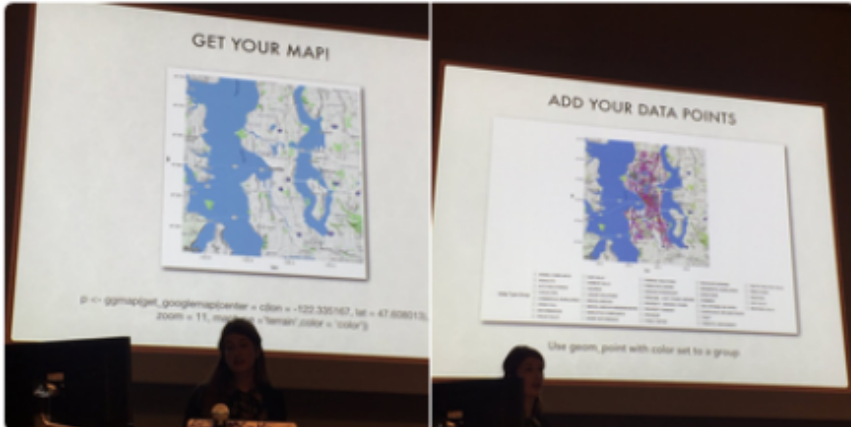
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Caitlin Hudon  @beeonapoy · Jul 25


Had no idea that you could pull a Google map in one line of code and use ggplot2 to add layers to it until @LittleMissData just blew my mind. 🙌 #rstats



9

89

388



Colin Fay 🙌 @_ColinFay · Jul 27

[#RStats Trick]

Here's a quick RMarkdown trick for foldable content in your markdown html outputs:

[< details >](#)

6

RStudio Community

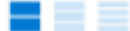
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Topic	Category	Users	Replies	Views	Activity
Welcome to the RStudio Community! Welcome to community.rstudio.com — we're glad to have you! This welcome page will give you some advice on how to get the most out of the site if you're getting or giving help. We want this to be a friendly, inclusive com... read more	meta		0	2.1k	11d
Shinydashboard RShiny	shiny		16	87	4m
Knit fail pandoc error for rmarkdown rmarkdown knitr pandoc knit	R Markdown		1	10	7m
Error when installing tidyverse: This endpoint requires you to be authenticated. (401)	tidyverse		4	10	7m
Will case_when stay in dplyr? dplyr	tidyverse		4	22	8m
Map nested list column of unknown depth to new dataframe columns purrr	tidyverse		0	11	30m
Can't find documentation for r function in newly created package ggplot2 rstudio package	Package development		0	3	33m



Posts

VIEW



SORT



HOT



3



Posted by u/raosushant7 5 hours ago

"scale_x_date()" with uneven date breaks - ggplot2

I have a dataset where the dates are not evenly spaced. By using `scale_x_date()`, I get the axis labels in a chronological order, but the extra dates in between are also included (which I need to eliminate). The attached pic should give the entire picture. Basically, I don't want the gaps in between. Thanks.

<https://i.redd.it/ddvxfhfj4md11.png>

5 Comments Share Save



3



Posted by u/TILPython 5 hours ago

R: publish a presentation deck on web

R: I am looking for clean and quick ideas to implement a task where:

- Front-end: User gets to select an entity from a drop-down menu;
- Output: presentation deck of (static) charts and tables, published on the web (HTML output)
- Middle-ware: R scripts which require entity name as input; all charts and tables are pre-formatted.

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Develop your skills in R and Data science with a friendly community

MENTORS

Help build a positive learning community for R users and expand your R debugging skills

COMMUNITY

Help develop resources for others to feel part of the #rstats community

R Weekly 2018-31 Gifski,
Question, Educator

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- [Visualizations with R and Databases](#) ([rviews.rstudio.com](#))

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30 Jul 2018   

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- [Where to get help with your R question?](#) ([masalmon.eu](#))
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- [Should R Consortium Recommend CII Best Practices Badge for R Packages: Latest Survey Results](#) ([r-consortium.org](#))

New Packages

 [Go Live for More New Packages](#) 



Welcome to RC RUGS 2018, the R Consortium's R User Group and Small Conference Support Program. We at the R Consortium fervently believe that nothing is more effective than face-to-face meetings for people to learn about each other, learn from each other, and set and accomplish common goals. We value R User Groups and R focused conferences as a great strength of the R Community and we will do all that we can to encourage, promote and support them.

The User Group Program

While the overall structure of the program is modeled on programs from previous years, 2018 RC RUGS program has been expanded to include small conferences and add new user group benefits. As before, the 2018 RC RUGS program provides financial support for R User Groups based on their size and the frequency with which they meet. Grants are awarded for three categories of user groups:

- Vector level, for small and brand new groups
- Matrix level, for moderate size groups
- Array level, for large, established groups that have thousands of members and meet frequently

R Consortium meetup.com Pro Program

A major new benefit for participating user groups is to have their meetup.com fees paid by the R Consortium. Through its relationship with the Linux Foundation, the R Consortium has qualified for a meetup.com Pro account that enables RUGs who elect to have their meetup.com memberships associated with the R Consortium Pro account have their meetup.com fees paid for one year following their acceptance into the program. Vector level groups can elect to participate in this R Consortium meetup.com Pro membership at no charge. Matrix and Array level groups who wish to participate in will have their cash grants reduced according to the schedule below.

Basic Requirements for participation in the 2018 RC RUG Program

To participate in the RC RUGS program a user group must meet the following criteria. The group must:

- Have R as a primary focus
- Adhere to the [code of conduct](#) published on the R Consortium website.
- Have a public website that provides information about meetings and the number of people attending each meeting. (We recommend establishing an account with meetup.com but the use of that site is not a requirement. Please indicate if you are not using meetup.com)
- Acknowledge the R Consortium as a sponsor and display the R Consortium logo on the group's website
- Agree to have its organizers group send one email per quarter to all of its members containing a message from the R Consortium.

In this section, we will look at the following functions:

- `help.start()`
- `help()`
- `?`
- `??`
- `help.search()`
- `demo()`
- `example()`
- `library()`
- `vignette()`
- `browseVignettes()`

The `help.start()` function opens the documentation page in your browser. Here you can find manuals, reference and other materials.

```
help.start()
```

```
## starting httpd help server ... done
```

```
## If nothing happens, you should open  
## 'http://127.0.0.1:20381/doc/html/index.html' yourself
```

Use `help()` to access the documentation of functions and data sets. `?` is a shortcut for `help()` and returns the same information.

```
help(plot)  
?plot
```

`help.search()` will search all sources of documentation and return those that match the search string. `??` is a shortcut for `help.search()` and returns the same information.

```
help.search('regression')  
??regression
```


demo displays an interactive demonstration of certain topics provided in a R package. Typing `demo ()` in the console will list the demos available in all the R packages installed.

```
demo()  
demo(scoping)
```

```
##  
##  
  
## demo(scoping)  
## ---- ~~~~~  
##  
## > ## Here is a little example which shows a fundamental difference be  
## > ## R and S. It is a little example from Abelson and Sussman which  
## > ## the way in which bank accounts work. It shows how R functions  
## > ## encapsulate state information.  
## > ##  
## > ## When invoked, "open.account" defines and returns three functions  
## > ## in a list. Because the variable "total" exists in the environme  
## > ## where these functions are defined they have access to its value.  
## > ## This is even true when "open.account" has returned. The only wa  
## > ## to access the value of "total" is through the accessor functions  
## > ## withdraw, deposit and balance. Separate accounts maintain their  
## > ## own balances.
```

`example()` displays examples of the specified topic if available.

```
example('mean')
```

```
##  
## mean> x <- c(0:10, 50)  
##  
## mean> xm <- mean(x)  
  
##  
## mean> c(xm, mean(x, trim = 0.10))  
## [1] 8.75 5.50
```

Access the documentation of a package using `help()` inside `library()`. The package need not be installed for accessing the documentation.

```
library(help = 'ggplot2')
```

A vignette is a long form guide to a R package. You can access the vignettes available using `vignette()`. It will display a list of vignettes available in installed packages.

```
vignette()
```

To access a specific vignette from a package, specify the name of the vignette and the package.

```
vignette('dplyr', package = 'dplyr')
```

`browseVignettes ()` is another way to access the vignettes in installed packages. It will list the vignettes in each package along with links to the web page and R code.

```
browseVignettes()
```

RsiteSearch() will search for a specified topics in help pages, vignettes and task views using the search engine at this [link](#) and return the result in a browser.

```
RSiteSearch('glm')
```

```
## A search query has been submitted to http://search.r-project.org  
## The results page should open in your browser shortly
```



Thank You

For more information please visit our website
www.rsquaredacademy.com