

# R package **rrtable**

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If you are a data scientist or researcher, you will certainly be interested in reproducible research. R package **rrtable** makes it possible to make reports with HTML, LaTeX, MS word or MS Powerpoint formats from a table of R codes.

## Package Installation

You can install R package **rrtable** with the following command.

```
if(!require(devtools)){ install.packages("devtools") }  
devtools::install_github("cardiomoon/rrtable")
```

## Package Loading

You can load the **rrtable** package with the following R command.

```
require(rrtable)
```

## Sample Data

Sample data `sampleData3` is included in **rrtable** package. You can see the `sampleData3` by following R command.

```
str(sampleData3)
```

```
'data.frame':  22 obs. of  5 variables:  
 $ type  : chr  "title" "subtitle" "author" "" ...  
 $ title : chr  "" "" "" "" ...  
 $ text  : chr  "R package `rrtable`" "Reproducible Research with a Table of R codes" "Keon-Woong Moon"  
 $ code  : chr  "" "" "" "" ...  
 $ option: chr  "" "" "" "" ...
```

Or you can make a table of this data

% latex table generated in R 3.4.3 by xtable 1.8-2 package % Thu Apr 5 16:06:58 2018

	type	title	text
11	title		R package 'rrtable'
13	subtitle		Reproducible Research with a Table of R codes
12	author		Keon-Woong Moon
25			If you are a data scientist or researcher, you will certainly be interested in reproduc
14	header2	Package Installation	You can install R package 'rrtable' with the following command.
15	header2	Package Loading	You can load the 'rrtable' package with the following R command.
16	header2	Sample Data	Sample data sampleData3 is included in rrtable package. You can see the sampleDa
17			Or you can make a table of this data
18			
19	header3	mytable object	You can add mytable object with the following R code.
1	mytable		
2	header3	Plot	You can insert a plot into your document.
3	plot		
20	header3	ggplot	You can insert a ggplot into a document
4	ggplot		
21	header3	R code	You can insert the result of R code. For example, you can insert the result of regres
24	Rcode		
22	header3	Two ggplots	You can insert two parallel ggplots with the following code.
8	2ggplots		
23	header3	Two plots	You can insert two parallel plots with the following code.
10	2plots		
26	header2	HTML Report	You can get report with HTML format(this file) by following R command.