R version 3.1.1 (2014-07-10) -- "Sock it to Me"

Platform: x86\_64-w64-mingw32/x64 (64-bit)

R is free software and comes with ABSOLUTELY NO WARRANTY.

You are welcome to redistribute it under certain conditions.

Type 'license()' or 'licence()' for distribution details.

Natural language support but running in an English locale

R is a collaborative project with many contributors.

Type 'contributors()' for more information and

'citation()' on how to cite R or R packages in publications.

Type 'demo()' for some demos, 'help()' for on-line help, or

'help.start()' for an HTML browser interface to help.

Type 'q()' to quit R.

[Previously saved workspace restored]

> utils:::menuInstallPkgs()

--- Please select a CRAN mirror for use in this session ---

Warning in install.packages(NULL, .libPaths()[1L], dependencies = NA, type = type) :

'lib = "C:/Program Files/R/R-3.1.1/library"' is not writable

also installing the dependency ‘bitops’

trying URL 'http://cran.rstudio.com/bin/windows/contrib/3.1/bitops\_1.0-6.zip'

Content type 'application/zip' length 36021 bytes (35 Kb)

opened URL

downloaded 35 Kb

trying URL 'http://cran.rstudio.com/bin/windows/contrib/3.1/RCurl\_1.95-4.3.zip'

Content type 'application/zip' length 2835499 bytes (2.7 Mb)

opened URL

downloaded 2.7 Mb

package ‘bitops’ successfully unpacked and MD5 sums checked

package ‘RCurl’ successfully unpacked and MD5 sums checked

The downloaded binary packages are in

C:\Users\compa\_000\AppData\Local\Temp\RtmpIz6gKF\downloaded\_packages

> library("RCurl")

Loading required package: bitops

> url <- "https://docs.google.com/spreadsheet/pub?"

> url <-paste(url,"key=0AoVN55Hx1NvKdHh1S2sxQzRkSHlzLW1kVjREVFh4Z2c&single=true",sep="")

> url <- paste(url,"&gid=0&outpu=csv",sep="")

> spreadsheet.data <- getURL(url,ssl.verifypeer=FALSE)

> str(spreadsheet.data)

chr "<!DOCTYPE HTML PUBLIC \"-//W3C//DTD HTML 4.01//EN\" \"http://www.w3.org/TR/html4/strict.dtd\"><html><head><meta http-equiv=\"co"| \_\_truncated\_\_

> str(spreadsheet.data)

chr "<!DOCTYPE HTML PUBLIC \"-//W3C//DTD HTML 4.01//EN\" \"http://www.w3.org/TR/html4/strict.dtd\"><html><head><meta http-equiv=\"co"| \_\_truncated\_\_

> points <- read.csv(textConnection(spreadsheet.data))

> str(points)

'data.frame': 40 obs. of 1 variable:

$ X..DOCTYPE.HTML.PUBLIC....W3C..DTD.HTML.4.01..EN.http...www.w3.org.TR.html4.strict.dtd..html..head..meta.http.equiv.content.type.content.text.html..charset.UTF.8.: Factor w/ 35 levels " (document.getElementsByTagName('head')[0] || document.getElementsByTagName('body')[0]).appendChild(ga);",..: 22 21 26 19 20 12 15 18 11 13 ...

> str(spreadsheet.data)

chr "<!DOCTYPE HTML PUBLIC \"-//W3C//DTD HTML 4.01//EN\" \"http://www.w3.org/TR/html4/strict.dtd\"><html><head><meta http-equiv=\"co"| \_\_truncated\_\_

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> url <- paste(url,"&gid=0&output=csv",sep="")

> spreadsheet.data <- getURL(url,ssl.verifypeer=FALSE)

> str(spreadsheet.data)

chr "<!DOCTYPE html><html lang=\"en\" ><head><meta name=\"description\" content=\"Web word processing, presentations and spreadsheet"| \_\_truncated\_\_

> url <- "https://docs.google.com/spreadsheet/pub?"

> url <- paste(url,"key=0AoVN5HxlNvKdHh1S2sxQzRkSHlzLw1kVjREVFH4Z2c&single=true",sep="")

> url <- paste(url,"&gid=0&output=csv",sep="")

> spreadsheet.data <- getURL(url,ssl.verifypeer=FASLE)

Error in merge(list(...), .opts) : object 'FASLE' not found

> spreadsheet.data <- getURL(url,ssl.verifypeer=FALSE)

> str(spreadsheet.data)

chr "<!DOCTYPE html><html lang=\"en\" ><head><meta name=\"description\" content=\"Web word processing, presentations and spreadsheet"| \_\_truncated\_\_

> url <- "https://docs.google.com/spreadsheet/pub?"

> url <- paste(url,"key=0AoVN55HxlNvKdHh1S2sxQzRkSHlzLW1kVjREVFh4Z2c&single=true",sep="")

> url <- paste(url,"&gid=0&output=csv",sep="")

> spreadsheet.data <- getURL(url,ssl.verifypeer=FALSE)

> str(spreadsheet.data)

chr "who,what,when,points\nesquildf,RNG Exponential,1/27/2014,2\nesquildf,RNG Weibull,1/27/2014,1\nesquildf,RNG Triangular,1/27/2014"| \_\_truncated\_\_

> points <- read.csv(textConnection(spreadsheet.data)

+ )

> str(points)

'data.frame': 422 obs. of 4 variables:

$ who : Factor w/ 47 levels "ander3ad","ayersjc",..: 12 12 12 12 37 37 37 37 22 22 ...

$ what : Factor w/ 91 levels "ABM Exploration",..: 78 81 80 72 78 81 80 72 78 80 ...

$ when : Factor w/ 30 levels "1/27/2014","2/1/2014",..: 1 1 1 1 1 1 1 1 1 1 ...

$ points: int 2 1 1 2 2 1 1 2 2 1 ...

> points <- read.csv(textConnection(spreadsheet.data))

> str(points)

'data.frame': 422 obs. of 4 variables:

$ who : Factor w/ 47 levels "ander3ad","ayersjc",..: 12 12 12 12 37 37 37 37 22 22 ...

$ what : Factor w/ 91 levels "ABM Exploration",..: 78 81 80 72 78 81 80 72 78 80 ...

$ when : Factor w/ 30 levels "1/27/2014","2/1/2014",..: 1 1 1 1 1 1 1 1 1 1 ...

$ points: int 2 1 1 2 2 1 1 2 2 1 ...

> utils:::menuInstallPkgs()

trying URL 'http://cran.rstudio.com/bin/windows/contrib/3.1/rjson\_0.2.14.zip'

Content type 'application/zip' length 492031 bytes (480 Kb)

opened URL

downloaded 480 Kb

package ‘rjson’ successfully unpacked and MD5 sums checked

The downloaded binary packages are in

C:\Users\compa\_000\AppData\Local\Temp\RtmpIz6gKF\downloaded\_packages

> json.file <- "http://api.wunderground.com/api/key/conditions/q/VA/Harrisonburg.comparar

+ json.file <- "http://api.wunderground.com/api/key/conditions/q/VA/Harrisonburg.comparar"

Error: unexpected symbol in:

"json.file <- "http://api.wunderground.com/api/key/conditions/q/VA/Harrisonburg.comparar

json.file <- "http"

> json.file <- 6c38a7df0f4063fc

Error: unexpected symbol in "json.file <- 6c38a7df0f4063fc"

> json.file <- "www.wunderground.com/api/key/conditions/q/VA/Harrisonburg.json"

> json.data <- fromJSON(paste(readLines(json.file), collapse="")

+

+ a;lskfj

Error: unexpected symbol in:

"

a"

> json.data <- fromJSON(paste(readLines(json.file), collapse""))

Error: unexpected string constant in "json.data <- fromJSON(paste(readLines(json.file), collapse"""

> json.data <- fromJSON(paste(readLines(json.file), collapse="")

+ )

Error: could not find function "fromJSON"

> str(json.data)

Error in str(json.data) : object 'json.data' not found

> json.file <- "http://www.wunderground.com/api/key/conditions/q/VA/Harrisonburg.json"

> json.data <- fromJSON(paste(readLines(json.file),collapse="")

+ jj

Error: unexpected symbol in:

"json.data <- fromJSON(paste(readLines(json.file),collapse="")

jj"

> json.data <- fromJSON(paste(readLines(json.file),collapse=""))

Error: could not find function "fromJSON"

> utils:::menuInstallPkgs()

Error in install.packages(NULL, .libPaths()[1L], dependencies = NA, type = type) :

no packages were specified

> utils:::menuInstallPkgs()

trying URL 'http://cran.rstudio.com/bin/windows/contrib/3.1/rjson\_0.2.14.zip'

Content type 'application/zip' length 492031 bytes (480 Kb)

opened URL

downloaded 480 Kb

package ‘rjson’ successfully unpacked and MD5 sums checked

The downloaded binary packages are in

C:\Users\compa\_000\AppData\Local\Temp\RtmpIz6gKF\downloaded\_packages

> json.data <- fromjson(paste(readLines(json.file),collapse=""

+ ))

Error: could not find function "fromjson"

> getwd()

[1] "C:/Users/compa\_000/Documents"

> setwd("ISAT 252")

> dir()

[1] "Acquiring Data Notes.doc"

[2] "contract.csv"

[3] "Good Morning Structure"

[4] "Ice Cream Survey (Responses) - Form Responses 1.csv"

[5] "Ice Cream Survey.csv"

[6] "UCBAdmissions.csv"

> temp <- read.csv("Ice Cream Survey.csv")

> head(temp)

Timestamp What.is.your.favorite.flavor.of.ice.cream.

1 9/9/2014 12:07 Chocolate

2 9/9/2014 12:07 Cookies and Cream

3 9/9/2014 12:07 Chocolate

4 9/9/2014 12:08 Vanilla

5 9/9/2014 12:09 Cookie Dough

6 9/9/2014 12:11 Vanilla

> str(temp)

'data.frame': 26 obs. of 2 variables:

$ Timestamp : Factor w/ 24 levels "9/10/2014 13:42",..: 5 5 5 6 7 8 9 10 11 12 ...

$ What.is.your.favorite.flavor.of.ice.cream.: Factor w/ 7 levels "Chocolate","Cookie Dough",..: 1 3 1 7 2 6 6 2 4 4 ...

> aggregate(What.is.your.favorite.flavor.of.ice.cream.~Timestamp, data=temp, FUN=mean)

Timestamp What.is.your.favorite.flavor.of.ice.cream.

1 9/10/2014 13:42 NA

2 9/10/2014 16:39 NA

3 9/10/2014 22:19 NA

4 9/10/2014 23:51 NA

5 9/9/2014 12:07 NA

6 9/9/2014 12:08 NA

7 9/9/2014 12:09 NA

8 9/9/2014 12:11 NA

9 9/9/2014 12:18 NA

10 9/9/2014 12:31 NA

11 9/9/2014 12:36 NA

12 9/9/2014 12:38 NA

13 9/9/2014 12:43 NA

14 9/9/2014 12:45 NA

15 9/9/2014 12:48 NA

16 9/9/2014 12:50 NA

17 9/9/2014 12:56 NA

18 9/9/2014 13:13 NA

19 9/9/2014 13:26 NA

20 9/9/2014 13:31 NA

21 9/9/2014 13:34 NA

22 9/9/2014 14:12 NA

23 9/9/2014 14:19 NA

24 9/9/2014 23:02 NA

There were 24 warnings (use warnings() to see them)

> aggregate(What.is.your.favorite.flavor.of.ice.cream.~Timestamp, data=temp, FUN=list)

Timestamp What.is.your.favorite.flavor.of.ice.cream.

1 9/10/2014 13:42 4

2 9/10/2014 16:39 4

3 9/10/2014 22:19 5

4 9/10/2014 23:51 4

5 9/9/2014 12:07 1, 3, 1

6 9/9/2014 12:08 7

7 9/9/2014 12:09 2

8 9/9/2014 12:11 6

9 9/9/2014 12:18 6

10 9/9/2014 12:31 2

11 9/9/2014 12:36 4

12 9/9/2014 12:38 4

13 9/9/2014 12:43 2

14 9/9/2014 12:45 1

15 9/9/2014 12:48 2

16 9/9/2014 12:50 2

17 9/9/2014 12:56 6

18 9/9/2014 13:13 4

19 9/9/2014 13:26 5

20 9/9/2014 13:31 4

21 9/9/2014 13:34 2

22 9/9/2014 14:12 4

23 9/9/2014 14:19 5

24 9/9/2014 23:02 4

> aggregate(What.is.your.favorite.flavor.of.ice.cream., data=temp, FUN=lisit)

Error in aggregate(What.is.your.favorite.flavor.of.ice.cream., data = temp, :

object 'What.is.your.favorite.flavor.of.ice.cream.' not found

> aggregate(Timestamp~What.is.your.favorite.flavor.of.ice.cream., data=temp, FUN=list)

What.is.your.favorite.flavor.of.ice.cream. Timestamp

1 Chocolate 5, 5, 14

2 Cookie Dough 7, 10, 13, 15, 16, 21

3 Cookies and Cream 5

4 Mint Chocolate Chip 11, 12, 18, 20, 22, 24, 1, 2, 4

5 Peanut Butter Cup 19, 23, 3

6 Vanilla 8, 9, 17

7 Vanilla 6

> json.file <- "http://www.isat.jmu.edu/"

> json.data <- fromJSON(paste(readLines(json.file,collapse=""))

+

+ l

Error: unexpected symbol in:

"

l"

> json.data <- fromJSON(paste(readLines(json.file),collapse=""))

Error: could not find function "fromJSON"

> library("rjson")

> json.data <- fromJSON(paste(readLines(json.file),collapse=""))

Error in fromJSON(paste(readLines(json.file), collapse = "")) :

unexpected character '<'

> json.file <- "http://api.wunderground.com/api/6c38a7df0f4063fc/conditions/q/CA/San\_Francisco.json"

> json.data <- fromJSON(paste(readLines(json.file), collapse="")

+ s

Error: unexpected symbol in:

"json.data <- fromJSON(paste(readLines(json.file), collapse="")

s"

> json.data <- fromJSON(paste(readLines(json.file), collapse=""))

> str(json.data)

List of 2

$ response :List of 3

..$ version : chr "0.1"

..$ termsofService: chr "http://www.wunderground.com/weather/api/d/terms.html"

..$ features :List of 1

.. ..$ conditions: num 1

$ current\_observation:List of 56

..$ image :List of 3

.. ..$ url : chr "http://icons.wxug.com/graphics/wu2/logo\_130x80.png"

.. ..$ title: chr "Weather Underground"

.. ..$ link : chr "http://www.wunderground.com"

..$ display\_location :List of 12

.. ..$ full : chr "San Francisco, CA"

.. ..$ city : chr "San Francisco"

.. ..$ state : chr "CA"

.. ..$ state\_name : chr "California"

.. ..$ country : chr "US"

.. ..$ country\_iso3166: chr "US"

.. ..$ zip : chr "94101"

.. ..$ magic : chr "1"

.. ..$ wmo : chr "99999"

.. ..$ latitude : chr "37.77500916"

.. ..$ longitude : chr "-122.41825867"

.. ..$ elevation : chr "47.00000000"

..$ observation\_location :List of 8

.. ..$ full : chr "NEMA, San Francisco, California"

.. ..$ city : chr "NEMA, San Francisco"

.. ..$ state : chr "California"

.. ..$ country : chr "US"

.. ..$ country\_iso3166: chr "US"

.. ..$ latitude : chr "37.776077"

.. ..$ longitude : chr "-122.417542"

.. ..$ elevation : chr "102 ft"

..$ estimated : list()

..$ station\_id : chr "KCASANFR291"

..$ observation\_time : chr "Last Updated on September 11, 8:51 AM PDT"

..$ observation\_time\_rfc822: chr "Thu, 11 Sep 2014 08:51:00 -0700"

..$ observation\_epoch : chr "1410450660"

..$ local\_time\_rfc822 : chr "Thu, 11 Sep 2014 09:05:26 -0700"

..$ local\_epoch : chr "1410451526"

..$ local\_tz\_short : chr "PDT"

..$ local\_tz\_long : chr "America/Los\_Angeles"

..$ local\_tz\_offset : chr "-0700"

..$ weather : chr "Partly Cloudy"

..$ temperature\_string : chr "60.6 F (15.9 C)"

..$ temp\_f : num 60.6

..$ temp\_c : num 15.9

..$ relative\_humidity : chr "94%"

..$ wind\_string : chr "Calm"

..$ wind\_dir : chr "North"

..$ wind\_degrees : num -999

..$ wind\_mph : num -999

..$ wind\_gust\_mph : num 0

..$ wind\_kph : num 0

..$ wind\_gust\_kph : num 0

..$ pressure\_mb : chr "1013"

..$ pressure\_in : chr "29.91"

..$ pressure\_trend : chr "+"

..$ dewpoint\_string : chr "58 F (15 C)"

..$ dewpoint\_f : num 58

..$ dewpoint\_c : num 15

..$ heat\_index\_string : chr "NA"

..$ heat\_index\_f : chr "NA"

..$ heat\_index\_c : chr "NA"

..$ windchill\_string : chr "NA"

..$ windchill\_f : chr "NA"

..$ windchill\_c : chr "NA"

..$ feelslike\_string : chr "60.6 F (15.9 C)"

..$ feelslike\_f : chr "60.6"

..$ feelslike\_c : chr "15.9"

..$ visibility\_mi : chr "10.0"

..$ visibility\_km : chr "16.1"

..$ solarradiation : chr "--"

..$ UV : chr "2"

..$ precip\_1hr\_string : chr "-999.00 in ( 0 mm)"

..$ precip\_1hr\_in : chr "-999.00"

..$ precip\_1hr\_metric : chr " 0"

..$ precip\_today\_string : chr "-999.00 in (-25375 mm)"

..$ precip\_today\_in : chr "-999.00"

..$ precip\_today\_metric : chr "--"

..$ icon : chr "partlycloudy"

..$ icon\_url : chr "http://icons.wxug.com/i/c/k/partlycloudy.gif"

..$ forecast\_url : chr "http://www.wunderground.com/US/CA/San\_Francisco.html"

..$ history\_url : chr "http://www.wunderground.com/weatherstation/WXDailyHistory.asp?ID=KCASANFR291"

..$ ob\_url : chr "http://www.wunderground.com/cgi-bin/findweather/getForecast?query=37.776077,-122.417542"

..$ nowcast : chr "Areas of dense fog are expected through the mid morning hours\nwith clearing expected by late morning. Visibility will be\nredu"| \_\_truncated\_\_

> json.data$current\_observation$display\_location$latitude

[1] "37.77500916"

> is.numeric(json.data$current\_observation$display\_location$latitude)

[1] FALSE

> is.character(json.data$current\_obervation$display\_location$latitude)

[1] FALSE

>