Package 'helper'

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R topics documented:	
addPaletteFun	3
addVectorTiles	3
glAddLayer	4
glAddSource	4
glInit	4
glMakeUrl	4
glRemoveLayer	5
glRemoveSource	5
glSetFilter	5
glSetPaintProperty	5
hot.to.df	6
hotable	6
leafletDrawDependencies	6
listToHtml	7
listToHtmlClass	7
loadUi	8
mapxhelper	8
mxAccordionGroup	8
mxActionButtonState	9
mxAllow	9
mxAnalysisOverlaps	10
mxCanReach	10

2

mxCheckboxIcon	10
	11
	11
	11
	12
	12 12
	12 12
71	12 13
	13 13
	13 13
	13 14
	14 14
•	15
	15
1	16
1	16
	16
	17
T T	17
\mathcal{E}	18
	18
,	18
	19
	19
mxFileInput	19
mxGetCookies	20
mxGetLayerMeta	20
mxGetStoryMapText	20
mxGetViewData	21
mxGetViewsTable	21
mxGetWdiIndicators	21
mxMakeViewList	22
	22
	22
	23
	24
	24
	25
	25
	26
	26
<u>.</u>	26 26
	20 27
	27 27
	21 28
1 7	
	28
	28
	29
	29 20
	30
	30
mxUndateChartRadar	31

addPaletteFun 3

addP	letteFun Add palette to map-x style list	
Index	3	39
	vtGetLayers	8
	vtGetColumns	
	vtDataList	37
	usrInput	37
	subPunct	36
	setZoomOptions	36
	setVectorTilesVisibility	35
	renderHotable	35
	remoteCmd	34
	randomString	34
	pwdInput	3
	noDataCheck	
	mxUpdateValue	
	mxUpdateText	
	mxUpdatePanel	;1

Description

Update a style list with a palette, using the defined scale type: continuous or discrete.

Usage

```
addPaletteFun(sty, pal)
```

Arguments

sty map-x style pal name of palette to use

 ${\it addVectorTiles}$

Add vector tiles for a given PGRestAPI postgres endpoint.

Description

Add vector tiles for a given PGRestAPI postgres endpoint.

Usage

```
addVectorTiles(map, protocol = "http", url = "localhost", port = 3030,
  table = NULL, dataColumns = NULL, geomColumn = "geom",
  idColumn = "gid", id = NULL, group = "default", debug = FALSE,
  zIndex = 100, onLoadFeedback = c("once", "never", "always"))
```

Arguments

```
map Leaflet map object
```

urlTemplate Url template for a given PGRestAPI endpoint.

4 glMakeUrl

glAddLayer

gl add layer

Description

```
gl add layer
```

Usage

```
glAddLayer(map, idGl, idBelowTo = NULL, style)
```

glAddSource

gl add source

Description

```
gl add source
```

Usage

```
glAddSource(map, idGl, idSource, style)
```

glInit

gl layer new

Description

```
gl layer new
```

Usage

```
glInit(map, idGl, style, token)
```

glMakeUrl

Create url for pgrestapi source

Description

Create url for pgrestapi source

Usage

```
glMakeUrl(protocol = "http", host = "localhost", port, table,
  fieldVariables, fieldGeom)
```

Value

url

glRemoveLayer 5

glRemoveLayer

gl remove layer

Description

```
gl remove layer
```

Usage

```
glRemoveLayer(map, idGl, idLayer)
```

glRemoveSource

gl remove source

Description

gl remove source

Usage

```
glRemoveSource(map, idGl, idSource)
```

glSetFilter

gl set filter for a layer

Description

```
gl set filter for a layer
```

Usage

```
glSetFilter(map, idGl, idLayer, filter)
```

glSetPaintProperty

gl set paint property for a layer

Description

```
gl set paint property for a layer
```

```
glSetPaintProperty(map, idGl, idLayer, name, value)
```

hot.to.df

hot.to.df

Description

Converts the table data passed from the client-side into a data.frame

Usage

```
hot.to.df(b)
```

Arguments

b

The input\$hotable_id value.

hotable

hotable

Description

Creates a hotable (handsontable)

Usage

```
hotable(id, width = "100%", height = "100%")
```

Arguments

id

The id used to refer to the table input\$id or output\$id

leafletDrawDependencies

Add leaflet draw tools

Description

Add leaflet draw tools

Usage

leafletDrawDependencies()

listToHtml 7

listToHtml	R list to	html
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Description

R list to html

Usage

```
listToHtml(listInput, htL = "", h = 2, exclude = NULL)
```

Arguments

listInput list in inptu
htL List to append to

h Value of the first level of html header

exclude list named item to exclude

listToHtmlClass R list to html list

Description

Create a html list and apply a class for and

Usage

```
listToHtmlClass(listInput, exclude = NULL, c = 0, htL = "",
  classUl = "list-group", classLi = "list-group-item")
```

Arguments

listInput list in inptu

exclude list named item to exclude

htL List to append to

h Value of the first level of html header

Value

HTML list

8 mxAccordionGroup

loadUi

Load external ui file value in shiny app

Description

Shortcut to load external shiny ui file

Usage

```
loadUi(path)
```

Arguments

path

Path to the file

mapxhelper

Map-x helper functions

Description

Map-x core functions

mxAccordionGroup

Create a bootstrap accordion

Description

Create a bootstrap accordion element, based on a named list.

Usage

```
mxAccordionGroup(id, style = NULL, show = NULL, itemList)
```

Arguments

id Accordion group ID
style Additional style.

show Vector of item number. Collapse all item except those in this list. E.g. c(1,5)

will open items 1 and 5 by default.

itemList Nested named list of items, containing title and content items. E.g. list("foo"=list("title"="foo","conte

Examples

```
amAccordionGroup(id='superTest',
  itemList=list(
    'a'=list('title'='superTitle',content='acontent'),
    'b'=list('title'='bTitle',content='bContent'))
)
```

mxActionButtonState 9

mxActionButtonState	Toggle disabling of given button, based on its id.	

Description

Action or other button can be disabled using the attribute "disabled". This function can update a button state using this method.

Usage

```
mxActionButtonState(id, disable = FALSE, warning = FALSE,
    session = shiny:::getDefaultReactiveDomain())
```

Arguments

id	Id of the button.
disable	State of the button
session	Shiny session object.

mxAllow	Control ui access
IIIVUTTOM	Common in access

Description

Use mxConfig\$roleVal list to check if the curent user's role name can access to the given numeric role.

Usage

```
mxAllow(logged, roleName, roleLowerLimit)
```

Arguments

logged Boolean. Is the user logged in ?
roleName Character. Role in numeric format
roleLowerLimit Numeric. Minumum role requirement

```
mxAnalysisOverlaps Overlaps analysis
```

Description

Use a mask to get overlaps over a layer

```
mxAnalysisOverlaps(inputBaseLayer, inputMaskLayer, outName,
  dataOwner = "mapxw", sridOut = 4326, varToKeep = "gid")
```

10 mxCheckboxIcon

mxCanReach	Test for internet connection. The idea is to reach google with a ping and determine if there is a full packet response without loss

Description

Test for internet connection. The idea is to reach google with a ping and determine if there is a full packet response without loss

Usage

```
mxCanReach(server = "google.com", port = 80)
```

Arguments

host String. Host name to ping

mxCatch Catch errors

Description

Catch errors and return alert panel in an existing div id.

Usage

```
mxCatch(title, expression, session = shiny:::getDefaultReactiveDomain(),
  debug = TRUE, logToJs = TRUE, panelId = "panelAlert", ...)
```

Set a checkbox button with custom icon.

Arguments

title	Title of the alert
session	Shiny session object

debug Boolean. Return also message as alert.

panelId Id of the output element

Description

mxCheckboxIcon

Create a checkbox input with a select icon.

Usage

```
mxCheckboxIcon(id, idLabel, icon, display = TRUE)
```

Arguments

id Id of the element

icon Name of the fontawesome icon. E.g. cog, times, wrench

mxCreatePaletteList 11

mxCreatePaletteList

Create a formated list of available palettes

Description

Create a formated list of available palettes

Usage

```
mxCreatePaletteList(palettes)
```

mxCreateSecret

Create random secret

Description

Get a random string .

Usage

```
mxCreateSecret(n = 20)
```

Arguments

n

Number of character

mxDbAddData

Add data to db

Description

Add data to db

```
mxDbAddData(data, table, dbInfo = mxConfig$dbInfo)
```

12 mxDbEncrypt

mxDbAddGeoJSON Add geojson list or file to d	db postgis
--	------------

Description

Add geojson list or file to db postgis

Usage

```
mxDbAddGeoJSON(geojsonList = NULL, geojsonPath = NULL, tableName = NULL,
archiveIfExists = T, archivePrefix = "mx_archives")
```

Arguments

geojsonList list containing the geojson data

geojsonPath path the geojson

tableName Name of the postgis layer / table

mxDbClearAll Remove old results from db query

Description

Remove old results from db query

Usage

```
mxDbClearAll(dbInfo = mxConfig$dbInfo)
```

mxDbEncrypt Encrypt or decrypt data using postgres pg_sym_encrypt

Description

Encrypt or decrypt data using postgres pg_sym_encrypt

Usage

```
mxDbEncrypt(data, ungroup = FALSE)
mxDbDecrypt(data, key = mxConfig$key)
```

Arguments

data vector, list or data.frame to encrypt or decrypt

ungroup boolean: ungroup the data and apply the encryption on individual item.

key Encryption key

Value

encrypted data as list

mxDbExistsTable 13

mxDbExistsTable

Check if table exists in postgresql

Description

Shortcut to create a connection, and check if table exists.

Usage

```
mxDbExistsTable(table, dbInfo = mxConfig$dbInfo)
```

Arguments

table

Name of the table to check

mxDbGetColumnInfo

Get variable summary

Description

Get variable summary

Usage

```
mxDbGetColumnInfo(table = NULL, column = NULL)
```

Arguments

table Table/layer from which extract extent column Column/Variable on wich extract summary

 ${\tt mxDbGetFilterCenter}$

Get query extent, based on a pattern matching (character)

Description

Search for a value in a column (character data type) and return the extent if something is found.

Usage

```
mxDbGetFilterCenter(table = NULL, column = NULL, value = NULL,
geomColumn = "geom", operator = "=")
```

Arguments

table Table/layer from which extract extent

geomColumn set geometry column

Value

extent

mxDbGetGeoJSON

Geojson from postGIS base

Description

Geojson from postGIS base

Usage

```
mxDbGetGeoJSON(query, fromSrid = "4326", toSrid = "4326", asList = FALSE)
```

Arguments

query

PostGIS spatial sql querry.

Value

geojson list

mxDbGetLayerCentroid Get layer center

Description

Compute the union of all geometry in a given layer and return the coordinate of the centroid.

Usage

```
mxDbGetLayerCentroid(table = NULL, geomColumn = "geom")
```

Arguments

table

Table/layer from which extract extent

geomColumn

set geometry column

Value

extent

mxDbGetLayerExtent 15

mxDbGetLayerExtent

Get layer extent

Description

Get layer extent

Usage

```
mxDbGetLayerExtent(table = NULL, geomColumn = "geom")
```

Arguments

table

Table/layer from which extract extent

 ${\tt geomColumn}$

set geometry column

Value

extent

mxDbGetQuery

Get query result from postgresql

Description

Shortcut to create a connection, get the result of a query and close the connection, using a dbInfo list.

Usage

```
mxDbGetQuery(query, stringAsFactors = FALSE, dbInfo = mxConfig$dbInfo)
```

Arguments

dbInfo Named list with dbName,host,port,user and password

SQL query

16 mxDbListColumns

mxDbGetSp

Transfert postgis feature by sql query to sp object

Description

Transfert postgis feature by sql query to sp object

Usage

```
mxDbGetSp(query)
```

Arguments

query

PostGIS spatial sql querry.

Value

spatial object.

mxDbGetUsersGroups

Get group table for users

Description

Get group table for users

Usage

```
mxDbGetUsersGroups(idFilter = NULL)
```

Arguments

idFilter

optional filter of vector containing ids

 ${\tt mxDbListColumns}$

List existing column from postgresql table

Description

Shortcut to create a connection, get the list of column and close the connection, using a dbInfo list.

Usage

```
mxDbListColumns(table, dbInfo = mxConfig$dbInfo)
```

Arguments

dbInfo

Named list with dbName,host,port,user and password

mxDbListTable 17

n	nxDbListTable	List existing table from postgresql

Description

Shortcut to create a connection, get the list of table and close the connection, using a dbInfo list.

Usage

```
mxDbListTable(dbInfo = mxConfig$dbInfo)
```

Arguments

dbInfo

Named list with dbName,host,port,user and password

mxDbWriteSpatial

Write spatial data frame to postgis

Description

Convert spatial data.frame to postgis table. Taken from https://philipphunziker.wordpress.com/2014/07/20/transferring-vector-data-between-postgis-and-r/

Usage

```
mxDbWriteSpatial(spatial.df = NULL, schemaname = "public", tablename,
  overwrite = FALSE, keyCol = "gid", srid = 4326, geomCol = "geom")
```

Arguments

spatial.df Spatial data frame object
schemaname Target schema table
tablename Target table name
overwrite Overwrite if exists
keyCol Set new primary key
srid Set the epsg code / SRID

geomCol Set the name of the geometry column

 ${\tt mxDebugMsg}$

Print debug message

Description

Print a defaut debug message with date as prefix. NOTE: this function should take a global parameter "debug" and a log file.

Usage

```
mxDebugMsg(text = "")
```

Arguments

m

Message to be printed

mxDecode

decode base64 string

Description

decode base64 string

Usage

```
mxDecode(base64text)
```

Arguments

base64text

base64string encoded

 ${\tt mxEitiGetCountryCenter}$

Create a formated list of country center from eiti countries table

Description

Create a formated list of country center from eiti countries table

```
mxEitiGetCountryCenter(eitiCountryTable)
```

 ${\tt mxEitiGetCountrySelectizeList}$

Create a formated list for selectize input from eiti countries table

Description

Create a formated list for selectize input from eiti countries table

Usage

mxEitiGetCountrySelectizeList(eitiCountryTable)

mxEncode

encode in base64

Description

encode in base64

Usage

mxEncode(text)

Arguments

text

character string to encode

mxFileInput

Custom file input

Description

Default shiny fileInput has no option for customisation. This function allows to fully customize file input using the label tag.

Usage

```
mxFileInput(inputId, label, fileAccept = NULL, multiple = FALSE)
```

Arguments

inputId id of the file input label Label for the input

fileAccept List of accepted file type. Could be extension.

multiple Boolean. Allow multiple file to be choosen. Doesn't work on all client.

20 mxGetStoryMapText

mxGetCookies

Get cookie from session HTTP request

Description

Get cookie from session HTTP request

Usage

```
mxGetCookies(session = getDefaultReactiveDomain())
```

mxGetLayerMeta

Get layer meta stored in default layer table

Description

Get layer meta stored in default layer table

Usage

```
mxGetLayerMeta(layer)
```

Arguments

layer

Postgis layer stored in layer table. Should have a meta field.

 ${\tt mxGetStoryMapText}$

Get story map text

Description

Get story map text

Usage

```
mxGetStoryMapText(id, textColumn = "content_b64")
```

Arguments

id Id of the story map to get

Value

Story map unparsed text

mxGetViewData 21

mxGetViewData	Get view data as list
	Get view data as tist

Description

Get view data as list

Usage

```
mxGetViewData(viewId, select = NULL)
```

Arguments

viewId Vector of view id(s) for which to retrieve data

select Vector of columns to retrieve

mxGetViewsTable Retrieve map views table

Description

Get a list of available map-x views in given table, e.g. mx_views

Usage

```
mxGetViewsTable(table = "mx_views", validated = TRUE, archived = FALSE,
  country = "AFG")
```

Arguments

table Table name containing views info

validated Boolean filter validated dataset. Default = TRUE
archived Boolean filter to get archived data. Default =FALSE

country ISO 3 code to filter country.

mxGetWdiIndicators Create WDI indicators list

Description

Create WDI indicators list

```
mxGetWdiIndicators()
```

22 mxPanel

mxMakeViewList

extract views from the db and create a list

Description

extract views from the db and create a list

Usage

```
mxMakeViewList(cntry)
```

Arguments

cntry

Country iso3 code

Value

list of views data and style

mxMakeViews

Create html list of available views

Description

get a list of views and return a HTML shiny checkbox input.

Usage

mxMakeViews(views)

Arguments

views

List of available views

mxPanel

Create a modal panel

Description

Create a modal panel with some options as custom button, close button, html content.

```
mxPanel(id = "default", title = NULL, subtitle = NULL, html = NULL,
  listActionButton = NULL, background = TRUE, addCancelButton = FALSE,
  addOnClickClose = TRUE, defaultButtonText = "OK", style = NULL,
  class = NULL, hideCloseButton = FALSE, draggable = TRUE, fixed = TRUE)
```

mxPanelAlert 23

Arguments

id Panel id title Panel title

subtitle Panel subtitle

html HTML content of the panel, main text

listActionButton

If FALSE, hide buttons. If NULL, display default close panel button, with text

given in defaultButtonText. If list of buttons, list of button.

defaultButtonText

Text of the default button if listActionButton is NULL and not FALSE

style Additional CSS style for the panel class Additional class for the panel

hideCloseButton

Boolean. Hide the close panel button

draggable Boolean. Set the panel as draggable

mxPanelAlert Alert panel

Description

Create an alert panel. This panel could be send to an output object from a reactive context.

Usage

```
mxPanelAlert(title = c("error", "warning", "message"), subtitle = NULL,
  message = NULL, listActionButton = NULL, ...)
```

Arguments

title Title of the alert. Should be "error", "warning" or "message"

subtitle Subtitle of the alert

message html or text message for the alert

listActionButtons

List of action button for the panel

24 mxParseStory

mxParseListFromText

Parse key value pair from text

Description

Parse key value pair from text

Usage

```
mxParseListFromText(txt)
```

Arguments

txt

unformated text with key value pair. eg. myKey = myValue

Value

list of value

mxParseStory

Parse story map: markdown, R, view and video

Description

Parse story map: markdown, R, view and video

Usage

```
mxParseStory(txtorig, knit = T, toc = F)
```

Arguments

test

Story map text

Value

parsed html

mxParseView 25

mxParseView

Parse view string

Description

Parse view string

Usage

mxParseView(text)

Arguments

test

Story map text with @view_start(name ; id ; extent) ... @view_end tags

Value

parsed html

mxParseVimeo

Parse vimeo string

Description

Parse vimeo string

Usage

mxParseVimeo(text)

Arguments

text

Story map text with @vimeo(id; desc) tag

Value

html enabled version

26 mxSendJson

mxRemoveE1

remove element by class or id

Description

remove element by class or id

Usage

```
mxRemoveEl(session = getDefaultReactiveDomain(), class = NULL, id = NULL)
```

Arguments

session default shiny session class class name to remove

id id to remove

mxSelectInput

Custom select input

Description

Custom select input without label.

Usage

```
mxSelectInput(inputId, choices = NULL, selected = NULL)
```

Arguments

inputId Element id choices List of options

select Value selected by default

mxSendJson

function to read json and save as an object

Description

function to read json and save as an object

```
mxSendJson(pathToJson, objName, session = getDefaultReactiveDomain())
```

mxSetCookie 27

Description

Note: don't use this for storing sensitive data, unless you have a trusted network.

Usage

```
mxSetCookie(session = getDefaultReactiveDomain(), cookie = NULL,
nDaysExpires = NULL, deleteAll = FALSE, read = TRUE)
```

Arguments

session Shiny session object. By default: default reactive domain.

cookie Named list holding paired cookie value. e.g. (list(whoAteTheCat="Alf"))

nDaysExpires Integer of days for the cookie expiration

read Boolean. Read written cookie

mxSetStyle Apply map-x style to existing vector tiles

Description

When leafletvt handle a vector tile source, a lealflet object is stored in leafletvtId, but no style is applied. Default is transparent. We add a style function after that the layer is fully loaded using this function. The style function is also stored alongside the leaflet object in leafletId under the name "vtStyle".

Usage

```
mxSetStyle(session = shiny:::getDefaultReactiveDomain(), style,
    mapId = "mapxMap")
```

Arguments

session Shiny session object

style map-x style

28 mxTextValidation

mxSliderOpacity

Set ioRange slider for opacity

Description

Return a div than contain a slider input instantiated with ionRangeSlider for view opacity

Usage

```
mxSliderOpacity(id, opacity)
```

Arguments

id Id of the slideropacity Default opacity

mxStyleReset

Reset all value in a reactiveValues object

Description

Reset all value in a reactive Values object

Usage

```
mxStyleReset(reactiveObj)
```

Arguments

reaciveObj Reactive values object

mxTextValidation

String validation

Description

Check if a string exists in a vector of string, if there is a duplicate, if contains at least n character, etc.. and update an existing div with a html summary. Return if the string is valid or not.

```
mxTextValidation(textToTest, existingTexts, idTextValidation, minChar = 5,
  testForDuplicate = TRUE, testForMinChar = TRUE,
  displayNameInValidation = TRUE, existsText = "taken",
  errorColor = "#FF0000")
```

mxTimeSlider 29

Arguments

existingTexts Vector of existing text

idTextValidation

Id of the ui element to update (id=example -> uiOutput("example"))

minChar Minimum character length

testForDuplicate

Boolean test for duplicate.

testForMinChar Boolean test for minimum number of character

displayNameInValidation

Boolean add text in validation text

textTotest text to test against rules

Value

boolean: valid or not

mxTimeSlider

Set ioRange slider for time slider

Description

Return a div than contain a slider input instantiated with ionRangeSlider for view time slider.

Usage

```
mxTimeSlider(id, min, max, lay)
```

Arguments

id Id of the slider

min Minimum js unix date in milisecond
max Maxmimum js unix date in milisecond

lay Layer name

 ${\tt mxTimeSliderRange}$

Set ioRange slider for time slider

Description

Return a div than contain a slider input instantiated with ionRangeSlider for view time slider range.

```
mxTimeSliderRange(id, min, max, lay)
```

30 mxUiEnable

Arguments

id	Id of the slider
min	Minimum js unix date in milisecond
max	Maxmimum js unix date in milisecond

lay Layer name

mxUiAccess

Control ui access UI manager based on login info

Description

Control ui access

UI manager based on login info

Usage

```
mxUiAccess(logged, roleNum, roleLowerLimit, uiDefault, uiRestricted)
```

Arguments

logged Boolean. Is the user logged in?
roleNum Numeric. Role in numeric format
roleLowerLimit Numeric. Minumum role requirement

uiDefault TagList. Default ui. uiRestricted TagList. Restricted ui.

mxUiEnable

Control visbility of elements

Description

Display or hide element by id, without removing element AND without having element's space empty in UI. This function add or remove mx-hide class to the element.

Usage

```
mxUiEnable(session = shiny:::getDefaultReactiveDomain(), id = NULL,
  class = NULL, enable = TRUE, classToRemove = "mx-hide")
```

Arguments

session Shiny session

id Id of element to enable/disable

enable Boolean. Enable or not.

mxUpdateChartRadar 31

mxUpo	dateChartRadar	Create a chartRadar in a canvas element.

Description

Search the dom for an id a get drawing context, create a new chart object and config it with data.

Usage

```
mxUpdateChartRadar(session = shiny::getDefaultReactiveDomain(), main,
  compMain, id, idLegend, labels, values, compValues)
```

Arguments

session Shiny reactive session

main Main label

compMain Comparative value label

id Id of the canvas idLegend Id of the legend

labels Labels for value and comparative values

compValues Comparative values

value Values

|--|

Description

Use output object to update the panel with a known id. E.g. for updating uiOutput("panelTest"), use mxUpdatePanel with panelId "panelTest"

Usage

```
mxUpdatePanel(panelId = NULL, session = shiny:::getDefaultReactiveDomain(),
...)
```

Arguments

panelId Id of the existing panel

session Shiny reactive object of the session

... Other mxPanel options

32 mxUpdateValue

mxUpdateText	Update text by id
mxopaaccicxc	opanie iem by in

Description

Search for given id and update content.

Usage

```
mxUpdateText(id, text = NULL, ui = NULL, addId = FALSE,
    session = shiny:::getDefaultReactiveDomain())
```

Arguments

id Id of the element

text New text

session Shiny session

mxUpdateValue Update value by id

Description

Search for given id and update value.

Usage

```
mxUpdateValue(id, value, session = shiny:::getDefaultReactiveDomain())
```

Arguments

id Id of the elementvalue New text valuesession Shiny session

noDataCheck 33

noDataCheck Check for no null, NA's, nchar of 0, length of 0 or "[NO DATA]" string in a vector.

Description

Check for no null, NA's, nchar of 0, lenght of 0 or "[NO DATA]" string in a vector.

Usage

```
noDataCheck(val, useNoData = TRUE, noDataVal = "[ NO DATA ]")
```

Arguments

val

Vector to test for no data.

Value

TRUE if no data (nchar == 0 OR is.na OR is.null) found or if input is not a vector

pwdInput Password input

Description

Create a password input.

Usage

```
pwdInput(inputId, label)
```

Arguments

inputId Input id

label Label to display

34 remoteCmd

Description

Create a random string with optional settings.

Usage

```
randomString(prefix = NULL, suffix = NULL, n = 15, sep = "_", addSymbols = F, addLetters = T, splitIn = 5, splitSep = "^-")
```

Arguments

prefix	Prefix. Default = NULL
suffix	Suffix. Default = NULL
n	Number of character to include in the random string
sep	Separator for prefix or suffix
addSymbols	Add random symbols
addLetters	Add random letters (upper and lowercase)
splitIn	Split string into chunk, with separator as defined in splitSep
splitSep	Split symbos if splitIn > 1

Value

Random string of letters, with prefix and suffix

remoteCmd	Send command on remote server through ssh
remotecina	Sena Commana on remote server inrough ssn

Description

Allow sending command on a remote server, e.g. Vagrant machine, using ssh.

Usage

```
remoteCmd(host = NULL, user = NULL, port = NULL, cmd = NULL,
  vagrant = TRUE, sshConfig = "settings/sshConfig")
```

Arguments

host	Host
user	User
port	Port

cmd Command to send

vagrant Boolean. If TRUE, use ssh config file. E.g. vagrant ssh-config > sshConfig

renderHotable 35

Description

Renders the hotable.

Usage

```
renderHotable(expr, env = parent.frame(), quoted = FALSE, options = NULL,
  readOnly = NULL, fixedCols = 1, stretched = c("all", "last", "none"))
```

Arguments

expr	The computation that leads to an output
env	The R environment in which to create the dataset
quoted	Pass to the exprToFunction
options	Pass to the exprToFunction
readOnly	A vector of TRUE/FALSE values to indicate which of the columns should be readonly. If numeric vector, select col number to set as readOnly.
fixedCols	A vector of integer of columns number to fix.

```
setVectorTilesVisibility
```

Remove vector tiles.

Description

Remove vector tiles.

Usage

```
setVectorTilesVisibility(map, group = "default", visible = TRUE)
```

Arguments

map Leaflet map object

group Group/id of the vector tiles layer

36 subPunct

s Set zoom button options

Description

Set zoom button options

Usage

```
setZoomOptions(map, buttonOptions = list(), removeButton = FALSE)
```

Arguments

map Leaflet map object

removeButton Boolean. Remove the zoom button.

butonOptions List of Leaflet options for zoom butons. E.g. list(position="topright")

subPunct Substitute ponctiation and non-ascii character

Description

Take a string and convert to ascii string with optional transliteration ponctuation convertion.

Usage

```
subPunct(str, sep = "_", rmTrailingSep = T, rmLeadingSep = T,
rmDuplicateSep = T, useTransliteration = T)
```

Arguments

str String to evaluate sep Replace separator

rmTrailingSep Logical argument : no trailing separator returnedrmLeadingSep Logical argument : no leading separator returnedrmDuplicateSep Logical argument : no consecutive separator returned

usrInput 37

usrInput

User name input

Description

Create a username input

Usage

```
usrInput(inputId, label)
```

Arguments

inputId

Input id

label

Label to display

vtDataList

Get layer/table and available field/column combined in a list

Description

Get layer/table and available field/column combined in a list

Usage

```
vtDataList(protocol = "http", url = "localhost", port = 3030)
```

Arguments

protocol E.g. http

url Server url (without http://), default = "localhost"

port Server port number. default = 3000

vtGetColumns

Get available fields/columns from a layer/table

Description

Get available fields/columns from a layer/table

```
vtGetColumns(protocol = "http", url = "localhost", port = 3030,
  table = NULL, exclude = NULL)
```

38 vtGetLayers

Arguments

protocol E.g. http

url Server url (without http://), default = "localhost"

port Server port number, default = 3000

table Table name.

vtGetLayers Get vector tile layer (PostGIS table) from PGRestAPI

Description

Get vector tile layer (PostGIS table) from PGRestAPI

Usage

```
vtGetLayers(protocol = "http", url = "localhost", port = 3030,
  grepExpr = "", nTry = 5)
```

Arguments

protocol E.g. http

url Server url (without http://), default = "localhost".

port Server port number, default = 3000

Index

addPaletteFun, 3	mxDbGetUsersGroups, 16
addVectorTiles, 3	mxDbListColumns, 16
	mxDbListTable, 17
glAddLayer,4	mxDbWriteSpatial, 17
glAddSource, 4	mxDebugMsg, 18
glInit,4	mxDecode, 18
glMakeUrl,4	mxEitiGetCountryCenter, 18
glRemoveLayer, 5	<pre>mxEitiGetCountrySelectizeList, 19</pre>
glRemoveSource, 5	mxEncode, 19
glSetFilter,5	mxFileInput, 19
glSetPaintProperty, 5	mxGetCookies, 20
	mxGetLayerMeta, 20
hot.to.df, 6	mxGetStoryMapText, 20
hotable, 6	mxGetViewData, 21
	mxGetViewsTable, 21
leafletDrawDependencies, 6	<pre>mxGetWdiIndicators, 21</pre>
listToHtml, 7	mxMakeViewList, 22
listToHtmlClass,7	mxMakeViews, 22
loadUi, 8	mxPanel, 22
	mxPanelAlert, 23
mapxhelper, 8	mxParseListFromText, 24
mapxhelper-package (mapxhelper), 8	mxParseStory, 24
mxAccordionGroup, 8	mxParseView, 25
mxActionButtonState, 9	mxParseVimeo, 25
mxAllow, 9	mxRemoveEl, 26
mxAnalysisOverlaps,9	<pre>mxSelectInput, 26</pre>
mxCanReach, 10	mxSendJson, 26
mxCatch, 10	mxSetCookie, 27
mxCheckboxIcon, 10	mxSetStyle, 27
mxCreatePaletteList, 11	mxSliderOpacity, 28
mxCreateSecret, 11	mxStyleReset, 28
mxDbAddData, 11	mxTextValidation, 28
mxDbAddGeoJSON, 12	mxTimeSlider, 29
mxDbClearAll, 12	mxTimeSliderRange, 29
mxDbDecrypt (mxDbEncrypt), 12	mxUiAccess, 30
mxDbEncrypt, 12	mxUiEnable, 30
mxDbExistsTable, 13	mxUpdateChartRadar, 31
mxDbGetColumnInfo, 13	mxUpdatePanel, 31
mxDbGetFilterCenter, 13	mxUpdateText, 32
mxDbGetGeoJSON, 14	mxUpdateValue, 32
mxDbGetLayerCentroid, 14	
mxDbGetLayerExtent, 15	noDataCheck, 33
mxDbGetQuery, 15	
mxDbGetSp, 16	pwdInput, 33

40 INDEX

```
randomString, 34
remoteCmd, 34
renderHotable, 35
setVectorTilesVisibility, 35
setZoomOptions, 36
subPunct, 36
usrInput, 37
vtDataList, 37
vtGetColumns, 37
vtGetLayers, 38
```