Package 'textworks'

June 15, 2017

Title All-in-one package for working with text data

Version 0.0.0.9000

Description In a nutshell? Do cool things with text data.

Depends R (>= 3.3.3)

License What license is it under?

Encoding UTF-8

LazyData true

RoxygenNote 6.0.1

Imports jsonlite,
   XML,
   tidyverse,
   httr,
   magrittr

R topics documented:

---

ctab   *Pass a variable and return a contingency table by column percentages*

Description

Use vector/variable as argument, and a contingency table by column percentages is returned as output. Function still works even if variable is not of factor class (unless it cannot be converted).

Usage

```
ctab(vec)
```

1

Arguments

vec   Vector to be passed through.

Examples

```
Q12 <- sample(c("Sandwich","Porridge","Muesli/cereal","Other","No breakfast"),2000,replace=TRUE,prob=c(0.2,0
Q12 <- factor(Q12)
ctab(Q12)
               Q   Prop
1 Muesli/cereal  0.201
2  No breakfast  0.249
3         Other 0.1485
4      Porridge  0.201
5      Sandwich  0.249
```

---

ctab.mc   *Contingency table for a multi-code question*

Description

Use a data frame as argument, and a contingency table by column percentages is returned as output.
First column will display the codes for the question Each subsequent column of the table will show
the column percentages for each question code.

Usage

```
ctab.mc(x)
```

Arguments

vec   Data frame to be passed through. Use select() to remove any unnecessary
                    columns (including ID).

Examples

```
Coming soon
```

---

fa.load   *Function to create a loadings file from the factanal() output*

Description

Function to create a loadings file from the factanal() output

Usage

```
fa.load(x, file_name = NULL, writeCSV = FALSE)
```

Arguments

x   factanal() model

`fa.score`	*Function to create a score file from the factanal() output*

Description

Function to create a score file from the factanal() output

Usage

```
fa.score(x, file_name = NULL, writeCSV = FALSE)
```

Arguments

x	factanal() model

`plain_num`	*Function to convert all relevant columns to numeric Create a plain data frame without GUID and category*

Description

Function to convert all relevant columns to numeric Create a plain data frame without GUID and category

Usage

```
plain_num(x)
```

Arguments

x	data frame to pass through

`trans.m`	*Translate function using the Microsoft Translator API*

Description

This function allows you to translate character strings through the Microsoft Translator API. To use this function, you will need to first acquire an access token and pass it through the key argument.

Usage

```
trans.m(what, from = NULL, to = "en", key = MyKey)
```

Arguments

what	What text string to translate
from	What language to translate from. Defaults to NULL
to	What language to translate to. Defaults to "en"

Examples

```
trans.m(what="Blanc",from="fr",to="en",key="F023kljadfoilkjlkj")
```

---

trans.t	*Translate function using transltr.org API*

Description

This function allows you to translate character strings through the transltr.org API.

Usage

```
trans.t(what = NULL, from = NULL, to = "en")
```

Arguments

what	What text string to translate
from	What language to translate from. Defaults to NULL
to	What language to translate to. Defaults to "en"

Examples

```
trans.t(what="Blanc",from="fr",to="en")
```

Index