Package 'shiny.i18n'

September 13, 2018

Title Shiny Applications Internationalization

Version 0.1.0

Description It provides easy internationalization of Shiny applications. It can be used as standalone translation package to translate reports, interactive visualizations or graphical elements as well.

Depends R (>= 3.3.2)

Imports yaml, jsonlite, methods

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Encoding UTF-8

LazyData true

URL http://github.com/Appsilon/shiny.i18n

BugReports http://github.com/Appsilon/shiny.i18n/issues

RoxygenNote 6.0.1

Suggests knitr, rmarkdown, testthat

NeedsCompilation no

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Repository CRAN

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R topics documented:

`check_value_presence` *Check for value presence*

Description

If value is not present in vector it takes its first value.

Usage

```
check_value_presence(val, vect, warn_msg = "")
```

Arguments

`val`	element of vector `vect`
`vect`	vector of values
`warn_msg`	warning message to be displayed if `val` not in `vect`

Value

updated val

`column_to_row` *Column to row*

Description

Returns the same data.frame where one column is a rowname now.

Usage

```
column_to_row(data, colname)
```

Arguments

`data`	data.frame with data
`colname`	character with column name

Value

data.frame with one column less

get_i18n_config *Get i18n config*

Description

Get i18n config

Usage

```
get_i18n_config(field)
```

Arguments

field	a field from configuration file

Value

character with option from config.yaml file

load_local_config *Load Local YAML Config*

Description

Load Local YAML Config

Usage

```
load_local_config(yaml_config_path)
```

Arguments

yaml_config_path	path to yaml config file

Value

list of config options or empty list if file not exists

multmerge *Mulitple Merge*

Description

Inspired by: https://www.r-bloggers.com/merging-multiple-data-files-into-one-data-frame/

Usage

```
multmerge(filenames)
```

Arguments

filenames	character vector with filenames

Value

data.frame with merged files

read_and_merge_csvs *Read and merge CSVs*

Description

This function reads and merges data from multiple csv files in given folder.

Usage

```
read_and_merge_csvs(dir_path)
```

Arguments

dir_path	character with path to directory with csv files

Value

data.frame with CSV files content

translator *Translator class*

Description

Translator class

Value

Translator object (for all possible methods look at Methods section)

Fields

`languages` character vector with all languages

`options` list with options from configuration file

`translations` data.frame with translations

`translation_language` character current translation language

`mode` determines whether data was read from "csv" or "json" files.

Methods

`parse_date(date)` Parse date to format described in 'cultural_date_format' field in config.

`parse_number(number)` Parse numbers (to be implemented).

`set_translation_language(transl_language)` Specify language of translation. It must exist in 'languages' field.

`t(keyword)` Wrapper method. Look at 'translate'

`translate(keyword)` Translates 'keyword' to language specified by 'set_translation_language'

Examples

```
## Not run:
  i18n <- Translator(translation_json_path = "translation.json") # translation file
  i18n$set_translation_language("it")
  i18n$t("This text will be translated to italian")

## End(Not run)
```

validate_names *Validate Column Names*

Description

Validate if n-th column name of data.frames (given in list) is the same.

Usage

```
validate_names(list_df, n = 1)
```

Arguments

list_df	list of data frames
n	integer denoting column number

Value

TRUE if names of n-th columns of data.frames is the same, FALSE otherwise.

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