

Package ‘quiltr’

December 2, 2021

Title Qualtrics for Labelling Text using R

Version 0.1.0

Description Functions to convert text data for labelling into format appropriate for importing into Qualtrics. Supports multiple language, including right-to-left scripts as well as different response types. Outputs an Advance Format .txt file that read into Qualtrics.

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Language en-US

Encoding UTF-8

LazyData true

RoxygenNote 7.1.1

Suggests covr, knitr, rmarkdown, testthat (>= 3.0.0)

Config/testthat/edition 3

Depends R (>= 2.10)

VignetteBuilder knitr

NeedsCompilation no

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`arabiya_text`*Arabiya politics text from SANAD dataset*

Description

A dataset containing one hundred paragraphs of politics labelled news from the SANAD Arabiya news data

Usage`arabiya_text`**Format**

A data frame with 100 rows and 1 variable:

text Paragraphs of Arabiya politics news ...

Source

<https://data.mendeley.com/datasets/57zpx667y9/2>

`lipsum_text`*Lipsum text from stringi*

Description

A dataset containing one hundred paragraphs of lipsum text

Usage`lipsum_text`**Format**

A data frame with 100 rows and 1 variable:

text Paragraphs of (pseudo) random lorem ipsum text ...

Source

https://www.rdocumentation.org/packages/stringi/versions/1.5.3/topics/stri_rand_lipsum

qdat	<i>Dataset generated with quilt_form_data</i>
------	---

Description

A dataset containing one hundred paragraphs of lipsum text with columns for text (prompt), response_type and ID

Usage

```
qdat
```

Format

A data frame with 100 rows and 3 variables:

prompt Paragraphs of (pseudo) random lorem ipsum text

response_type Response options separated with semi-colons

id Unique ID assigned to the text ...

Source

https://www.rdocumentation.org/packages/stringi/versions/1.5.3/topics/stri_rand_lipsum

quilt_form	<i>Create text labelling form for importing to Qualtrics</i>
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Description

Create text labelling form for importing to Qualtrics

Usage

```
quilt_form(input_data, page_break_every = 0, question_type, filename)
```

Arguments

input_data	data.frame: input data generated with quilt_form_data()
page_break_every	integer: number of text examples before page break; default is 0
question_type	character vector: one of c("dropdown", "select", "multiselect", "singleanswer", "multianswer", "rankorder", "singleline", "essay")
filename	name of survey .txt form generated, e.g. "quilted_form.txt."

Value

a .txt survey file

Examples

```
## Not run:

data(lipsum_text)

qdat <- quilt_form_data(prompt = "Label this text: ", text = lipsum_text$text,
                       response_type = "scale", nlow = 1, nhigh = 10, addID = T)

quilt_form(input_data = qdat, page_break_every = 1,
           question_type = "multianswer", filename = "test/testing.txt")

## End(Not run)
```

quilt_form_data	<i>Format text data to structure needed for quilt_write_form()</i>
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Description

Format text data to structure needed for quilt_write_form()

Usage

```
quilt_form_data(
  prompt = NULL,
  text,
  response_type,
  options,
  addID = TRUE,
  nlow,
  nhigh,
  remove_NA = FALSE
)
```

Arguments

prompt	character string: prompt of text for labelling, e.g.: "Label this text: "; defaults to NULL
text	character vector: text inputs for labelling
response_type	character vector: one of c("yesno", "options", "scale", "text")
options	character vector of response options: e.g., c("big", "small", "biggie smalls")
addID	add an ID variable to the text data
nlow	integer: low end of numeric scale
nhigh	integer: high end of numeric scale
remove_NA	if TRUE: removes empty rows of text

Value

a data.frame

Examples

```
## Not run:
```

```
data(lipsum_text)
```

```
qdat <- quilt_form_data(prompt = "Label this text: ",  
                        text = lipsum_text$text, response_type = "yesno",  
                        addID = T)
```

```
qdat <- quilt_form_data(prompt = "Label this text: ",  
                        text = lipsum_text$text, response_type = "options",  
                        options = c("Not at all", "Somewhat", "Very much"),  
                        addID = T)
```

```
qdat <- quilt_form_data(prompt = "Label this text: ",  
                        text = lipsum_text$text, response_type = "scale",  
                        nlow = 1, nhigh = 10, addID = T)
```

```
## End(Not run)
```

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