

Package ‘readSX’

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Title Read 'SurveyXact' Data

Version 0.8.4

Description Imports data from the 'SurveyXact' commercial service
<<https://www.surveyxact.com/>>, adds variable labels, and converts value
labels to factors in the same order as exported from 'SurveyXact'.

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Imports cli, readxl, rlang, utils

Suggests covr, testthat (>= 3.0.0)

Config/testthat/edition 3

Encoding UTF-8

RoxygenNote 7.2.3

URL <https://github.com/sda030/readSX>, <https://sda030.github.io/readSX/>

BugReports <https://github.com/sda030/readSX/issues>

Depends R (>= 2.10)

NeedsCompilation no

Author Stephan Daus [aut, cre] (<<https://orcid.org/0000-0003-0230-6997>>)

Maintainer Stephan Daus <stephus.daus@gmail.com>

Repository CRAN

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check_filepath	<i>Checks If Filepath is Valid, Optionally Fixes It.</i>
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Description

Checks If Filepath is Valid, Optionally Fixes It.

Usage

```
check_filepath(filepath = filepath)
```

Arguments

filepath Character vector of filepaths to check.

Value

filepath as a named character vector

read_surveyxact	<i>Import Data Generated by SurveyXact</i>
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Description

First export the data from SurveyXact either as Excel or a set of CSV-files in European format (semicolon-sep). Then import using this function while setting variable labels and value labels automatically. Can then use labelled-package or other functions in this package for further processing.

Usage

```
read_surveyxact(
  filepath = c(dataset = "dataset.csv", structure = "structure.csv", labels =
    "labels.csv"),
  trim_ws = FALSE
)
```

Arguments

filepath A character string with a path to an Excel file, or a character vector with paths to the dataset.csv, structure.csv and labels.csv-files.

trim_ws Logical, default is FALSE. Whether to remove leading and ending whitespace from all files.

Value

data.frame.

Examples

```
dataset <- system.file("extdata", "ex_survey2_tab_utf16", "dataset.csv",
  package = "readSX", mustWork = TRUE
)
labels <- system.file("extdata", "ex_survey2_tab_utf16", "labels.csv",
  package = "readSX", mustWork = TRUE
)
structure <- system.file("extdata", "ex_survey2_tab_utf16", "structure.csv",
  package = "readSX", mustWork = TRUE
)
ex_survey2_tab_utf16 <-
  read_surveyxact(filepath = c(
    dataset = dataset,
    labels = labels,
    structure = structure
  ))
```

write_data_for_sx	<i>Writes Data with Respondents in CSV Format Required for SurveyXact Import</i>
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Description

Writes Data with Respondents in CSV Format Required for SurveyXact Import

Usage

```
write_data_for_sx(data, filepath, overwrite = FALSE)
```

Arguments

data	Data frame (or tibble).
filepath	Filepath as string
overwrite	Whether to overwrite existing file or not (default).

Value

Side-effect: writes file. Returns filepath.

Examples

```
## Not run: write_data_for_sx(mtcars, filepath="test.csv")
```

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