

Package ‘readabs’

June 4, 2018

Type Package

Title Read 'Excel' Files from the Australian Bureau of Statistics into Tidy Data Sets

Version 0.2.1

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Description Reads files from the Australian Bureau of Statistics <<https://www.abs.gov.au/>> into clean, tidy data sets.

Date 2018-05-30

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Encoding UTF-8

LazyData true

Imports readxl, dplyr, tidyr, sjmisc, rsdmx, readr, stringr

URL <https://github.com/zmeers/readabs>

BugReports <https://github.com/zmeers/readabs/issues>

RoxygenNote 6.0.1

VignetteBuilder knitr

Suggests knitr, rmarkdown, testthat

NeedsCompilation no

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Repository CRAN

Date/Publication 2018-06-04 08:37:55 UTC

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| read_abs_data | <i>Extracts ABS-formatted data directly from Excel spreadsheets and converts to long format.</i> |
|---------------|--|

Description

Extracts ABS-formatted data directly from Excel spreadsheets and converts to long format.

Usage

```
read_abs_data(path, sheet)
```

Arguments

| | |
|-------|--------------------------------|
| path | Filepath to Excel spreadsheet. |
| sheet | Sheet name or number. |

Value

Long-format dataframe

Examples

```
data <- system.file("extdata", "5206002_expenditure_volume_measures.xls", package = "readabs")
read_abs_data(path= data, sheet=2)
```

| | |
|-------------------|---|
| read_abs_metadata | <i>Extracts ABS series metadata directly from Excel spreadsheets and converts to long-form.</i> |
|-------------------|---|

Description

Extracts ABS series metadata directly from Excel spreadsheets and converts to long-form.

Usage

```
read_abs_metadata(path, sheet)
```

Arguments

| | |
|-------|--------------------------------|
| path | Filepath to Excel spreadsheet. |
| sheet | Sheet name or number. |

Value

Long-form dataframe

Examples

```
data <- system.file("extdata", "5206002_expenditure_volume_measures.xls", package = "readabs")
read_abs_metadata(path= data, sheet=2)
```

| | |
|---------------|---|
| read_abs_sdmx | <i>Extracts ABS XML-formatted data using the exported XML link at http://www.abs.gov.au/</i> |
|---------------|---|

Description

Access the sdmx URLs at <http://www.abs.gov.au/ausstats/abs@.nsf/Lookup/1407.0.55.002Main+Features4User+Guide>

Usage

```
read_abs_sdmx(url)
```

Arguments

| | |
|-----|--------------|
| url | URL weblink. |
|-----|--------------|

Value

data frame

Examples

```
read_abs_sdmx(url)
```

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