Package 'readapra'

July 23, 2025

Title Download and Tidy Data from the Australian Prudential Regulation
Authority

Version 0.2.1

Description Download the latest data from the Australian Prudential Regulation
Authority <https://www.apra.gov.au/> and import it into R as a tidy data
frame.

License MIT + file LICENSE

Encoding UTF-8

LazyData true

Suggests openxlsx, readr, testthat (>= 3.0.0), webmockr, withr

Config/testthat/edition 3

URL https://github.com/javanderwal/readapra

BugReports https://github.com/javanderwal/readapra/issues

Imports cli (>= 3.0.0), dplyr (>= 1.0.0), httr (>= 1.0.0), janitor,
lubridate (>= 1.0.0), memoise, polite (>= 0.1.0), purrr (>=
1.0.0), ratelimitr, rlang (>= 1.0.0), robotstxt, rvest (>=
1.0.0), stringdist, stringr (>= 1.0.0), tibble (>= 2.0.0),
tidyr (>= 1.0.0), tidyselect (>= 1.0.0), tidyxl (>= 1.0.0),
utils

Depends R (>= 3.5)

RoxygenNote 7.3.2

NeedsCompilation no

Author Jarrod van der Wal [aut, cre, cph]

Maintainer Jarrod van der Wal <jarvanderwal@gmail.com>

Repository CRAN

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apra_stat_pubs   *Statistical Publications Produced by APRA*

Description

This dataset contains a record of all statistical publications produced by APRA that are available in `readapra`.

Usage

```
apra_stat_pubs
```

Format

A data frame with 7 rows and 3 variables:

stat_pub_name the full name of the statistical publication.

stat_pub_acronym the acronym of the statistical publication.

cur_hist available current and historical versions of the statistical publication.

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download_apra   *Download a Statistical Publication File from APRA's Website*

Description

Download a statistical publication file from APRA's website. By default files are saved to a temporary directory.

Usage

```
download_apra(
  stat_pub,
  cur_hist = "current",
  path = tempdir(),
  overwrite = TRUE,
  quiet = FALSE,
  ...
)
```

Arguments

`stat_pub`	character vector detailing a statistical publication to be downloaded. Must match a valid value in the `apra_stat_pubs_acronym` variable of the apra_stat_pubs dataset.
`cur_hist`	character vector detailing whether to download a current or historic statistical publication. Must match a valid value in the `cur_hist` variable of the apra_stat_pubs dataset.
`path`	path to where the downloaded file should be saved. Uses `base::tempdir()` by default.
`overwrite`	whether to overwrite a previously downloaded statistical publication file when re-running this function.
`quiet`	whether to suppress the download progress bar.
`...`	additional arguments to be passed to `utils::download.file()`.

Value

A character vector detailing the file path to the downloaded file.

Examples

```
# Download a statistical publication file:
download_path <-
  download_apra(stat_pub = "qadips", cur_hist = "current")

# View the file path of the statistical publication file:
print(download_path)
```

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read_apra	*Read APRA's Statistical Publications*

Description

Download and import a specific statistical publication produced by APRA.

Please consult the apra_stat_pubs dataset to see which of APRA's statistical publications are available in `readapra`.

Usage

```
read_apra(
  stat_pub,
  cur_hist = "current",
  path = tempdir(),
  quiet = FALSE,
  overwrite = TRUE,
  ...
)
```

Arguments

stat_pub	character vector detailing a statistical publication to be downloaded and imported. Must match a valid value in the apra_stat_pubs_acronym variable of the apra_stat_pubs dataset.
cur_hist	character vector detailing whether to download and import a current or historic statistical publication. Must match a valid value in the cur_hist variable of the apra_stat_pubs dataset.
path	path to where the downloaded file should be saved. Uses base::tempdir() by default.
quiet	whether to suppress the download progress bar.
overwrite	whether to overwrite a previously downloaded statistical publication file when re-running this function.
...	additional arguments to be passed to utils::download.file().

Value

A tibble containing the statistical publication data.

Examples

```
# Download and import the current MADIS data:
current_madis_data <-
  read_apra(stat_pub = "madis", cur_hist = "current")

# Examine the current MADIS data:
print(current_madis_data)
```

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read_apra_local   *Read APRA Publication Statistics Locally*

Description

Import from a local file a specific statistical publication produced by APRA.

Please consult the apra_stat_pubs dataset to see which of APRA's statistical publications are available in readapra.

Usage

```
read_apra_local(file_path, stat_pub, cur_hist = "current")
```

Arguments

`file_path`	path to the local file from which the statistical publication data will be imported.
`stat_pub`	character vector detailing a statistical publication to be imported. Must match a valid value in the `apra_stat_pubs_acronym` variable of the [apra_stat_pubs](#) dataset.
`cur_hist`	character vector detailing whether to import a current or historic statistical publication. Must match a valid value in the `cur_hist` variable of the [apra_stat_pubs](#) dataset.

Value

A tibble containing the statistical publication data.

Examples

```
# Download the current MADIS data and get the file path:
current_madis_file_path <-
  download_apra(stat_pub = "madis", cur_hist = "current")

# Import the current MADIS data:
current_madis_data <-
  read_apra_local(
    stat_pub = "madis",
    cur_hist = "current",
    file_path = current_madis_file_path
  )

# Examine the current MADIS data:
print(current_madis_data)
```

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