Package: noegletalR (via r-universe)

March 17, 2025

Title Tidy Tibbles of Noegletal

Version 0.2.1

Description Work with data from <https://noegletal.dk> in a tidy manner. Tidy up previously downloaded data or retrieve new data directly from the comfort of R. You can also browse an up-to-date list of available data, including thorough variable descriptions.

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Imports dplyr, httr, readr, rlang, rvest, stringr, tibble, tidyr

Encoding UTF-8

RoxygenNote 7.3.2

URL https://github.com/FrLars21/noegletalR

BugReports https://github.com/FrLars21/noegletalR/issues

NeedsCompilation no

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Additional_repositories https://cranhaven.r-universe.dev

Config/pak/sysreqs libicu-dev libxml2-dev libssl-dev libx11-dev

Repository https://cranhaven.r-universe.dev

RemoteUrl https://github.com/cranhaven/cranhaven.r-universe.dev

RemoteRef package/noegletalR

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RemoteSubdir noegletalR

Contents

`noegletal_get` *Get data from noegletal.dk*

Description

Get data from noegletal.dk

Usage

```
noegletal_get(
  muni_codes = ALLOWED_MUNI_CODES,
  years = ALLOWED_YEARS,
  variable_ids
)
```

Arguments

`muni_codes`	Vector of municipality codes
`years`	Vector of years
`variable_ids`	Vector of variable IDs

Value

Tidy `tibble::tibble()` with requested data

Examples

```
noegletal_get(muni_codes = c(101, 155), years = 2018:2024, variable_ids = c(001))
```

`noegletal_tidy` *Transform a csv file from noegletal.dk into a tidy tibble*

Description

`noegletal_tidy` takes as input a csv-file downloaded from noegletal.dk and parses it into a tidy `tibble::tibble()`. This `tibble::tibble()` has one row for each municipality-year, a `muni_code` column, a `year` column and a column for each `variable` (as selected on noegletal.dk).

As per the noegletal.dk documentation, cells with a dash `-` as a value is converted to a 0, while cells with a value of `M` or `U` is converted to `NA`, since these represent missing values.

Usage

```
noegletal_tidy(file)
```

Arguments

`file`	Path to a csv file downloaded from noegletal.dk.

Value

A tidy `tibble::tibble()` with one row for each municipality-year, and one column for each included variable (nøgletal).

Examples

```
path_to_file <- system.file("extdata",
                            "nwRap-10Sep2024-101803.csv",
                            package = "noegletalR",
                            mustWork = TRUE)
noegletal_tidy(file = path_to_file)
```

`noegletal_vars` *List the available variables on 'noegletal.dk'*

Description

When called, `noegletal_vars()` will go to 'nøgletal.dk' to retrieve an updated list of available variables (nøgletal) including their definitions and return this data as a `tibble::tibble()` with a row for each variable and three columns: 'variable_id', 'variable_name', 'variable_definition'.

The primary use of the function is to get the ID's for the variables that a user wishes to retrieve with the `noegletal_get()` function. Additionally, the function is also useful for probing potential variables (including their definitions) that might be of interest for analysis.

A useful way to browse the list is to run the following code from the RStudio console `View(noegletalR::noegletal_vars()` which will open the interactive data viewer in RStudio.

Since the list of variables is retrieved anew on every call, `noegletal_vars()` can only be executed when connected to the internet. Response caching is on the development roadmap for the noegletalR package, but is not implemented yet and does come with its own set of challenges.

Usage

```
noegletal_vars()
```

Value

A `tibble::tibble()` where each row is a variable and the columns are 'variable_id', 'variable_name' and 'variable_definition'.

Examples

```
noegletal_vars()
```

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