

Package ‘noegletalR’

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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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Repository CRAN

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noegletal_get	<i>Get data from noegletal.dk</i>
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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	<i>Transform a csv file from noegletal.dk into a tidy tibble</i>
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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	<i>List the available variables on 'noegletal.dk'</i>
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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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