

Package: tidycenso (via r-universe)

July 17, 2024

Type Package

Title Download Data From 2021 Spanish Census

Version 0.1.0

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Description Retrieves data from the 2021 Spanish census through the National Institute of Statistics official API. For more info on the available tables and variables visit <https://www.ine.es/dyngs/DataLab/en/manual.html?cid=1259945952385>.

License GPL (>= 3)

Encoding UTF-8

LazyData true

RoxygenNote 7.2.3

Imports httr, jsonlite

Depends R (>= 2.10)

Suggests knitr, rmarkdown, dplyr, ggplot2, sf, mapSpain, ggraph, tidygraph, scales

VignetteBuilder knitr

URL <https://ropenspain.github.io/tidycenso/>,
<https://github.com/rOpenSpain/tidycenso>

BugReports <https://github.com/ropenspain/tidycenso/issues>

Roxygen list(markdown = TRUE)

Repository <https://ropenspain.r-universe.dev>

RemoteUrl <https://github.com/rOpenSpain/tidycenso>

RemoteRef HEAD

RemoteSha 32cdef9a3f8ed01e872cb74b3c9d3a2b74abd031

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get_censo	<i>Get data from the 2021 Spanish census</i>
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Description

get_censo retrieves data from the 2021 Spanish census through the API of the National Institute of Statistics. For more info on the available tables and variables visit <https://www.ine.es/dyngs/DataLab/en/manual.html?cid=1259945952385>.

Usage

```
get_censo(table, variables, metrics, language = "ES")
```

Arguments

table	A string of length 1 with the table name to query data from.
variables	A string with variable names of the queried table. If more than one, must be provided using <code>c()</code> (max. 4)
metrics	A string with the units of measurement of the queried data. If more than one, must be provided concatenated using <code>c()</code>
language	The language used in the body request (the only valid values are 'EN' or 'ES')

Value

A data.frame with the queried data

Examples

```
df <- get_censo("hog", c("ID_SUP_VIV", "ID_RESIDENCIA_N1"), "SHOGARES")
```

metrics	<i>Available units of measurement</i>
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Description

A list of the available units of measurement in the Spanish 2021 Census API

Usage

metrics

Format

A data frame with 51 rows and 4 columns:

id_tabla Table ID

id_unidad_de_medida unit ID

descripcion_unidad_de_medida_es, descripcion_unidad_de_medida_en Content description of the unit of measurement in spanish and english

Source

https://www.ine.es/censos2021/SDC21_variables_disponibles.xlsx

tables	<i>Available tables</i>
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Description

A list of the available tables in the Spanish 2021 Census API

Usage

tables

Format

A data frame with 7 rows and 3 columns:

id_tabla Table ID

descripcion_tabla_es, descripcion_tabla_en Content description of the table in spanish and english

Source

https://www.ine.es/censos2021/SDC21_tablas_disponibles.xlsx

variables

Available variables

Description

A list of the available variables in the Spanish 2021 Census API

Usage

variables

Format

A data frame with 395 rows and 4 columns:

id_tabla Table ID

id_variable Variable ID

descripcion_variable_es, descripcion_variable_en Content description of the variable in spanish and english

Source

https://www.ine.es/censos2021/SDC21_variables_disponibles.xlsx

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