

Package: tidycenso (via r-universe)

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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)

Config/pak/sysreqs libssl-dev

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

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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 c() (max. 4)
metrics	A string with the units of measurement of the queried data. If more than one, must be provided concatenated using c()
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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