Package ‘statcanR’

March 3, 2021

Type Package

Title Client for Statistics Canada's Open Economic Data

Version 0.2.1

Description An easy connection with R to Statistics Canada's Web Data Service. Open economic data (formerly known as CANSIM tables, now identified by Product IDs (PID)) are accessible as a data frame, directly in the user's R environment.


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Encoding UTF-8

LazyData true

RoxygenNote 7.1.1

Suggests knitr, rmarkdown

VignetteBuilder knitr

Imports data.table, curl

URL https://github.com/warint/statcanR/

BugReports https://github.com/warint/statcanR/issues/

NeedsCompilation no

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Repository CRAN

Date/Publication 2021-03-03 13:40:02 UTC

R topics documented:

statcanR-deprecated
statcan_data

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Description

Easily connect to Statistics Canada’s Web Data Service with R. Open economic data (formerly
known as CANSIM tables, now identified by Product IDs (PID)) are accessible as a data frame,
directly in the user’s R environment.

Usage

sqs_statcan_data(tableNumber, lang)

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>tableNumber</td>
<td>The table number of the Statistics Canada data table</td>
</tr>
<tr>
<td>lang</td>
<td>The language wanted</td>
</tr>
</tbody>
</table>

Details

The `sqs_statcan_data()` function has 2 arguments to fulfill to get data: tableNumber & lang.
The tableNumber argument simply refers to the table number of the Statistics Canada data table a
user wants to collect, such as ‘27-10-0014-01’ for the Federal expenditures on science and technology,
by socio-economic objectives, as an example.

To get the table number: https://www150.statcan.gc.ca/n1/en/type/data.

The second argument, lang, refers to the language. As Canada is a bilingual country, Statistics
Canada displays all the economic data in both languages. Therefore, users can choose to collect
statistics data tables in French or English by setting the lang argument with c(‘fra’, ‘eng’).

Value

The output will be a data table representing the data associated with the chosen table number.

Examples

mydata <- sqs_statcan_data('27-10-0014-01', 'eng')
Description

Easily connect to Statistics Canada’s Web Data Service with R. Open economic data (formerly known as CANSIM tables, now identified by Product IDs (PID)) are accessible as a data frame, directly in the user’s R environment.

Usage

statcan_data(tableNumber, lang)

Arguments

tableNumber   The table number of the Statistics Canada data table
lang         The language wanted

Details

The `statcan_data()` function has 2 arguments to fulfill to get data: `tableNumber` & `lang`.

The `tableNumber` argument simply refers to the table number of the Statistics Canada data table a user wants to collect, such as ‘27-10-0014-01’ for the Federal expenditures on science and technology, by socio-economic objectives, as an example.

To get the table number: [https://www150.statcan.gc.ca/n1/en/type/data](https://www150.statcan.gc.ca/n1/en/type/data).

The second argument, `lang`, refers to the language. As Canada is a bilingual country, Statistics Canada displays all the economic data in both languages. Therefore, users can choose to collect statistics data tables in French or English by setting the `lang` argument with `c('fra', 'eng')`.

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The output will be a data table representing the data associated with the chosen table number.

Examples

```r
mydata <- statcan_data('27-10-0014-01', 'eng')
```
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