Package ‘statcanR’

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Type Package
Title Client for Statistics Canada's Open Economic Data
Version 0.1.0
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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**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**

```r
sqs_statcan_data(tableNumber, lang)
```

**Arguments**

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

**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](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**

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