

Package ‘lsnstat’

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Title 'La Societe Nouvelle' API Access

Version 1.0.0

Description Tools facilitating access to the 'macro_data' service of the 'La Societe Nouvelle' API. It ensures an easy and fully-disclosed access to all macro-level data used in the 'La Societe Nouvelle' systems and the related metadata. Related API can be accessed from <https://api.lasocietenouvelle.org/>.

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URL <https://github.com/La-Societe-Nouvelle/lsnstat/>

BugReports <https://github.com/La-Societe-Nouvelle/lsnstat/issues/>

Imports dplyr, httr, jsonlite

Suggests knitr

Encoding UTF-8

RoxygenNote 7.2.3

NeedsCompilation no

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Repository CRAN

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lsnstat_macrodata *R companion of 'La Societe Nouvelle' macro_data API services*

Description

R companion of 'La Societe Nouvelle' macro_data API services

Usage

```
lsnstat_macrodata(dataset, filters)
```

Arguments

dataset	dataset requested : list available at https://docs.lasocietenouvelle.org/series-donnees (required)
filters	filters to apply : list of dataset 'params' available through service lsnstat_metadata (optional)

Value

A `data.frame()`.

Examples

```
#GET 'CPEB' (Branch production and operations accounts) forecasted
# data for division "10" between 2023 and 2025.

lsnstat_macrodata(dataset = "na_cpeb", filters="classification=A88&activity=10&year=2023+2024+2025")

# GET 'TEI' (Intermediate consumption table) forecasted data
# for branch 'JA' use of product 'OZ' in 2022.

lsnstat_macrodata(dataset = "na_tei", filters="activity=JA&product=OZ&year=2022")

# GET branch 'EZ' 2018 production footprint for 'NRG' and 'GHG' indicators.

lsnstat_macrodata(
  dataset = "macro_fpt_a38",
  filters="branch=EZ&year=2018&aggregate=PRD&indic=NRG+GHG"
)
```

lsnstat_metadata	<i>Metadata query function for lsnstat_macrodata requests.</i>
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Description

Metadata query function for [lsnstat_macrodata](#) requests.

Usage

```
lsnstat_metadata(dataset, param)
```

Arguments

dataset	dataset requested : list available at https://docs.lasocietenouvelle.org/series-donnees (required)
param	list of dataset 'params' available for a dataset (optional)

Value

A `data.frame()`.

Examples

```
# GET 'CPEB' (Branch production and operations accounts) table parameters and filters.
lsnstat_metadata(dataset = "na_cpeb")

# GET footprints filters for parameter 'indic'.
lsnstat_metadata("macro_fpt_a38", param = "indic")

# GET footprints filters for parameter 'unit'.
lsnstat_metadata("macro_fpt_a38", param = "unit")

# GET 'ERE' (resource-use equilibrium) table parameters and filters.
lsnstat_metadata("na_pat_nf")
```

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