

Package ‘statswalesr’

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Type Package

Title Easily Extract Data from 'StatsWales'

Version 0.1.2

Description Download data from 'StatsWales' into R. Removes the need for the user to write their own loops when parsing data from the 'StatsWales' API. Provides functions for datasets (<<http://open.statswales.gov.wales/en-gb/dataset>>) and metadata (<<http://open.statswales.gov.wales/en-gb/discover/metadata>>) endpoints.

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Encoding UTF-8

LazyData true

Imports jsonlite, httr, curl, dplyr, rlang

RoxygenNote 7.1.1

Suggests testthat

NeedsCompilation no

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statswales_get_dataset

Retrieves a dataset from the StatsWales OData API

Description

statswales_get_dataset returns a dataframe from **StatsWales** using a dataset id. The print_progress argument can be set to TRUE to keep track of progress when extracting a large dataset.

Usage

```
statswales_get_dataset(id, print_progress = FALSE)
```

Arguments

id A dataset id. Must be a single string.
print_progress logical. Should progress be printed in the console?

Value

If the dataset id is valid, the function will return the requested dataset in a dataframe. If the id is not valid, the function will return an error.

Examples

```
data <- statswales_get_dataset("hlth0515")
```

statswales_get_metadata

Retrieve metadata of a dataset from StatsWales

Description

statswales_get_metadata returns a dataframe containing metadata from **StatsWales** using a dataset id.

Usage

```
statswales_get_metadata(id)
```

Arguments

id A dataset id as a string

Value

If the dataset id is valid, the output will be the requested metadata in a dataframe. If the id is not valid, the function will return an HTTP error.

Examples

```
metadata <- statswales_get_metadata("hlth0515")
```

statswales_search	<i>Search StatsWales datasets</i>
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Description

statswales_search returns a dataframe of dataset titles and IDs from [StatsWales](#), based on the user's text input.

Usage

```
statswales_search(search_text)
```

Arguments

search_text A vector of search terms.

Value

A dataframe of StatsWales dataset titles and IDs.

Examples

```
crops_datasets <- statswales_search("*crops*")
```

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