Package: xstatic (via r-universe)

August 20, 2024

Type Package

Title Builds Queries And Retrieves Data From DWP Stat-Xplore

Version 0.4.7

Author Fran Barton

Maintainer Fran Barton <fbarton@alwaysdata.net>

Description Relatively user-friendly approach to formulating queries
to the Stat-Xplore API, and handling the response.

URL https://github.com/francisbarton/xstatic

License MIT + file LICENSE

Encoding UTF-8

LazyData true

RoxygenNote 7.1.2

Imports assertthat, dplyr, dwpstat, here, httr, janitor, jsonlite,
magrittr, purrr, readr, rlang, snakecase, stats, stringr,
usethis, utils

Remotes dr-uk/dwpstat

Depends R (>= 2.10)

Repository https://francisbarton.r-universe.dev

RemoteUrl https://github.com/francisbarton/xstatic

RemoteRef HEAD

RemoteSha ed5e293c1cf220789456a6a5b61e7eaba7d5b086

Contents

---

xstatic	*xstatic*

Description

xstatic

Usage

```
xstatic(
  ben,
  area_codes = NULL,
  filter_level = NULL,
  filter_area = ".*",
  return_level,
  area_code_lookup = NULL,
  geo_level = NULL,
  chatty = TRUE,
  ...
)
```

Arguments

ben	name of a benefit dataset on Stat-Xplore (partial/regex works)
area_codes	(optional) provide your own vector (list) of area codes for the query (don't use built-in lookup)
filter_level	return data within an area at this level
filter_area	return data within this area. defaults to ".*" (all)
return_level	return data at this level
area_code_lookup	
	use this source to lookup area codes at return_level within filter_area
geo_level	If for some reason you need to pass a return_level that is different from the standard options, you will also need to pass a geo_level - an integer between 1 and 7, where 1 means "OA" and 7 refers to "country"
chatty	TRUE by default. Provides verbose commentary on the query process.
...	space to pass parameters to the helper function get_dwp_codes, mainly to do with the number of recent periods (months or quarters) to retrieve data for: provide 'periods_tail = n' (uses 1 - just return most recent period - by default); see also 'periods_head'; you can also tweak the query away from the default of Census geographies to Westminster constituencies, for example, where available, by providing a different value for 'geo_type'; you can also change the subset of data from the default by providing a different value for 'ds'.

Value

A data frame

Examples

```
xstatic(
ben = "^Carers",
filter_level = "lad", # case-insensitive
filter_area = "City of London", # case sensitive
return_level = "MsOa", # case-insensitive
periods_tail = 2, # starting with most recent available month/quarter
periods_head = 1, # returns penultimate data period only (ie first 1 of 2)
chatty = FALSE)
```

---

   xstatic_interactive   *Xplore the Stat-Xplore API interactively*

Description

Xplore the Stat-Xplore API interactively

Usage

```
xstatic_interactive()
```

Index