

Package: dkstat (via r-universe)

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Type Package

Title API connection to the StatBank from Statistics Denmark

Version 0.0.0.9002

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Description This package provides a few simple functions that can be used to query the StatBank from Statistics Denmark.

License GPL-2

URL <https://ropengov.github.io/dkstat/>,
<https://github.com/rOpenGov/dkstat>

BugReports <https://github.com/rOpenGov/dkstat/issues>

Imports httr, jsonlite, lubridate, stringr, cli

Suggests knitr, rmarkdown, testthat, dplyr, geodk

Remotes rOpenGov/geodk

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X-schema.org-isPartOf <http://ropengov.org/>

X-schema.org-keywords ropengov

Depends R (>= 4.1)

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VignetteBuilder knitr

Repository <https://ropengov.r-universe.dev>

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Contents

dst_get_all_data	2
dst_get_data	3
dst_get_tables	4
dst_meta	4
dst_search	5
tables	5

Index	6
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dst_get_all_data	<i>This function returns the entire table requested data from the StatBank. (http://www.statistikbanken.dk/statbank5a/ or http://www.dst.dk)</i>
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Description

Get all data from a table in the StatBank. This function provides all the query parameters on the user's behalf. You, as a user, do not need to specify anything other than a table name and you will be given the entire contents of the table in a nice long format. This is useful for you, if you would like to filter the table with e.g. {dplyr} functions or save the entire table for archival. If the table is larger than the max 1.000.000 cells, then you will have to use `dst_get_data()`.

Usage

```
dst_get_all_data(table, lang = "da", parse_dst_tid = TRUE)
```

Arguments

table	Table from StatBank.
lang	language. "en" for english or "da" for danish.
parse_dst_tid	Logical. Default is TRUE. The date will be the first day of the period and the time zone is "UTC" and not the Danish "CET".

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See Also

Other Data retrieval functions: [dst_get_data\(\)](#)

dst_get_data	<i>This function returns the requested data from the StatBank table. (http://www.statistikbanken.dk/statbank5a/ or http://www.dst.dk)</i>
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Description

Get data from a table in the StatBank.

Usage

```
dst_get_data(  
  table,  
  ...,  
  query = NULL,  
  parse_dst_tid = TRUE,  
  lang = "da",  
  meta_data = NULL,  
  format = "CSV",  
  value_presentation = "Value"  
)
```

Arguments

table	Table from StatBank.
...	Build your own query.
query	A list object with your query.
parse_dst_tid	Logical. Default is TRUE. The date will be the first day of the period and the time zone is "UTC" and not the Danish "CET".
lang	language. "en" for english or "da" for danish.
meta_data	Meta data for the table. If NULL the meta data will be requested.
format	character value. "CSV" or "BULK". If you choose BULK then you need to select a value for each of the parameters.
value_presentation	For now, "value" or "default". When a table with observations that have the same name, this is automatically changed to CodeAndValue.

See Also

Other Data retrival functions: [dst_get_all_data\(\)](#)

dst_get_tables	<i>This functions downloads all the available tables.</i>
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Description

This functions downloads all the available tables.

Usage

```
dst_get_tables(lang = "da")
```

Arguments

lang	"da" (danish) or "en" (english)
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dst_meta	<i>This function returns meta data for a table from StatBank Denmark / Statistics Denmark. (http://www.statistikbanken.dk/statbank5a/ or http://www.dst.dk)</i>
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Description

This function POSTs a request for meta data on a table from Statistics Denmark and returns a JSON object with the information.

Usage

```
dst_meta(table, ..., lang = "da", geo = FALSE)
```

Arguments

table	The name of the table you want meta data for.
...	Ignored.
lang	You can choose "en" for english or "da" for danish.
geo	You can choose if the function should return the geographic properties for the metadata. Mostly for internal use.

dst_search	<i>This function provides a search function for the description field of available data series</i>
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Description

This function provides a search function for the description field of available data series

Usage

```
dst_search(string = "gpd", field = "text", lang = "da", use_cache = NULL)
```

Arguments

string	Character string. Specifies the search term.
field	Character string.
lang	Character. "da" for danish or "en" for english.
use_cache	A logical scalar. Should the function call Statbank or use a (possibly outdated) saved version of their tables?

tables	<i>Cached list of all available tables</i>
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Description

Cached list of all available tables

Usage

```
tables
```

Format

tables:

A data frame with 2339 rows and 8 columns:

id Unique ID of the table

text Description of the table

unit The unit of the values represented in the table

updated When this table was last updated

firstPeriod The time of the first observation in the table

latestPeriod The time of the latest observation in the table

active Binary indicator of the table being active

variables List of the variables in the table

Index

- * **Data retrival functions**
 - dst_get_all_data, [2](#)
 - dst_get_data, [3](#)
- * **datasets**
 - tables, [5](#)
- dst_get_all_data, [2](#), [3](#)
- dst_get_data, [2](#), [3](#)
- dst_get_tables, [4](#)
- dst_meta, [4](#)
- dst_search, [5](#)
- tables, [5](#)