Package 'Knoema'

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Title Interface to the Knoema API

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Description Using this package, users can access to the largest collection of public data and statistics on the Internet featuring about 2.5 billion time series from thousands of sources collected in 'Knoema' repository and use rich R calculations in order to analyze the data. Because data in 'Knoema' is time series data, 'Knoema' function offers data in a number of formats usable in R such as 'ts', 'xts' or 'zoo'. For more information about 'Knoema' API go to <https://knoema.com/dev/docs>.

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Encoding UTF-8

LazyData true

Imports httr, jsonlite, base64enc, digest, lubridate, xts, zoo, methods

Depends R (>= 3.3.0)

RoxygenNote 6.0.1

Suggests testthat

URL https://github.com/Knoema/knoema-r-driver

NeedsCompilation no

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R topics documented:

1

Knoema   *knoema package! This package works with datasets from knoema.com*

Description

knoema package! This package works with datasets from knoema.com

Usage

```
Knoema(dataset.id = NULL, selection = NULL, mnemonics = NULL,
  type = "ts", host = "", client.id = "", client.secret = "")
```

Arguments

dataset.id	is Dataset's ID specified as a string
selection	is list where all the dimensions of the dataset are listed and a selection from them
mnemonics	are mnemonics values specified as a string separated by a semicolon
type	is optional. By default equals "ts". Other supported variants are "xts","zoo","DataFrame","MetaDataFram
host	is optional. You can use "knoema.com" or other supported knoema's portals
client.id	is client id from knoema application
client.secret	is secret client code from knoema application By default uses public user for knoema.com By default the package allows you to work only with public datasets from the site knoema.com. If you want to work with private datasets or from other hosts, you need to set optional parameters host, client.id and client.secret You can get parameters client.id and client.secret after registering on the site knoema.com, in the section "My profile - Apps - create new" (or use existing applications)

Value

the list of timeseries in the selected format from the dataset

Index