

Package ‘dataserieS’

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Type Package

Title Switzerland's Data Series in One Place

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Description Download and import time series from <<http://www.dataserieS.org>>, a comprehensive and up-to-date collection of open data from Switzerland.

Suggests xts

License GPL-3

URL <http://www.dataserieS.org>

BugReports <https://github.com/christophSax/dataserieS>

RoxygenNote 6.0.1

NeedsCompilation no

Repository CRAN

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ds *Download Time Series from R*<http://www.dataseries.org>www.dataseries.org

Description

ds downloads time series from www.dataseries.org. Data can be imported as a `data.frame` or an `xts` object.

Usage

```
ds(id, class = c("data.frame", "ts", "xts"))  
  
cache_ls()  
  
cache_rm()
```

Arguments

`id` one ore more IDs, as given by www.dataseries.org.
`class` class of the return value, either a `"data.frame"` (default) or an `"xts"` object (requires the `xts` package to be installed).

Details

Downloaded series are **cached in memory** as long as the R session is open. If you want to force an update, either restart the R session or run `cache_rm` to empty the cache. `cache_ls` is a utility function that lists all cached objects (see examples).

Examples

```
## Not run:  
ds(c("CCI.AIK", "CCI.ASSS"))           # data.frame  
ds(c("CCI.AIK", "CCI.ASSS"), "ts")     # "ts" object  
ds(c("CCI.AIK", "CCI.ASSS"), "xts")    # "xts" object  
  
# list cached objects  
cache_ls()  
  
# empty in-memory cache, which forces a fresh download  
cache_rm()  
  
## End(Not run)
```

inventory

Inventory from [Rhrefhttp://www.dataserie.org](http://www.dataserie.org)www.dataserie.org

Description

Read latest time series inventory from www.dataserie.org as a `data.frame`.

Usage

```
inventory()
```

Details

The downloaded data are **cached in memory** as long as the R session is open. If you want to force an update, either restart the R session or run `cache_rm` to empty the cache. `cache_ls` is a utility function that lists all cached objects.

Examples

```
## Not run:  
inv <- inventory() # will be cached  
# search in the inventory  
inv[grepl("consumer conf", inv$description, ignore.case = TRUE), ]  
  
## End(Not run)
```

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