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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R topics documented:

ds   *Download Time Series from* R*hrefhttp://www.dataseries.orgwww.dataseries.org*

Description

ds downloads time series from [www.dataseries.org.](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.](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 emtpy 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)
```

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inventory *Inventory from* R*hrefhttp://www.dataseries.orgwww.dataseries.org*

Description

Read latest time series inventory from www.dataseries.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 emtpy 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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