

Package ‘BIS’

July 21, 2025

Type Package

Title Programmatic Access to Bank for International Settlements Data

Version 0.4

Description Provides an interface to data provided by the Bank for International Settlements <<https://www.bis.org>>, allowing for programmatic retrieval of a large quantity of (central) banking data.

License CC0

URL <https://github.com/stefanangrick/BIS>

BugReports <https://github.com/stefanangrick/BIS/issues>

Suggests knitr, rmarkdown, ggplot2, zoo

Imports dplyr, readr, rvest, xml2

VignetteBuilder knitr

Encoding UTF-8

RoxygenNote 7.3.2

NeedsCompilation no

Author Stefan Angrick [aut, cre],
Eric Persson [aut]

Maintainer Stefan Angrick <contact@stefanangrick.net>

Repository CRAN

Date/Publication 2025-01-14 13:20:08 UTC

Contents

get_bis	2
get_datasets	2
read_bis	3
Index	4

`get_bis`*Download and parse a BIS data set*

Description

Download and parse a BIS data set

Usage

```
get_bis(item_url, ...)
```

Arguments

`item_url` Character. URL of the data set to be imported (usually obtained via `get_datasets()`).
`...` Arguments passed to `download.file()` (e.g. `quiet = TRUE`).

Value

A tibble data frame.

Examples

```
ds <- get_datasets()  
df <- get_bis(ds$url[ds$id == "WS_CBPOL_csv_flat"])
```

`get_datasets`*Retrieve a list of available BIS data sets*

Description

Retrieve a list of available BIS data sets

Usage

```
get_datasets(base_url = "https://data.bis.org/bulkdownload")
```

Arguments

`base_url` Character. URL of the BIS's homepage listing single file data sets for download (optional).

Value

A tibble data frame.

Examples

```
ds <- get_datasets()
```

`read_bis`*Read a BIS data set from a local file*

Description

Read a BIS data set from a local file

Usage

```
read_bis(file_path)
```

Arguments

`file_path` Character. Path to the CSV file to be read (usually obtained via manual download from the BIS homepage).

Value

A tibble data frame.

Examples

```
## Not run:  
# Example 1: Read a locally stored CSV  
df <- read_bis("WS_CBPOL_csv_flat.csv")  
  
# Example 2: Read a locally stored ZIP  
df <- read_bis(.unzip_file("WS_CBPOL_csv_flat.zip"))  
  
## End(Not run)
```

Index

`get_bis`, [2](#)
`get_datasets`, [2](#)
`read_bis`, [3](#)