

# Package: BIS (via r-universe)

January 14, 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

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**Repository** CRAN

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

**Config/pak/sysreqs** libicu-dev libxml2-dev libssl-dev libx11-dev

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

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**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"])
```

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

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**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()
```

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read_bis	<i>Read a BIS data set from a local file</i>
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**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)
```

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