

Package ‘imfweco’

August 24, 2026

Title Seamless Access to IMF World Economic Outlook (WEO) Data

Version 0.2.0

Description Provides tools to download, process, and analyze data from the International Monetary Fund's World Economic Outlook (WEO) [<https://www.imf.org/en/publications/weo>](https://www.imf.org/en/publications/weo). Functions support downloading complete WEO releases, accessing specific economic indicators for selected countries, and listing available data.

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Encoding UTF-8

RoxygenNote 7.3.3

Depends R (>= 4.1.0)

Imports cli, dplyr, httr2, readr, readxl, rlang, tibble, tidyr

Suggests curl, testthat, withr

Config/testthat/edition 3

URL <https://teal-insights.github.io/r-imfweco/>,
<https://github.com/teal-insights/r-imfweco/>

BugReports <https://github.com/teal-insights/r-imfweco/issues>

NeedsCompilation no

Author Teal Emery [aut, cre],
Teal Insights [cph],
Christoph Scheuch [aut] (ORCID:
[<https://orcid.org/0009-0004-0423-6819>](https://orcid.org/0009-0004-0423-6819))

Maintainer Teal Emery <lte@tealinsights.com>

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imfweco-package	<i>imfweco: Seamless Access to IMF World Economic Outlook (WEO) Data</i>
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Description

Provides tools to download, process, and analyze data from the International Monetary Fund’s World Economic Outlook (WEO) <https://www.imf.org/en/publications/weo>. Functions support downloading complete WEO releases, accessing specific economic indicators for selected countries, and listing available data.

Author(s)

- Maintainer:** Teal Emery <lte@tealinsights.com>
- Authors:
- Christoph Scheuch <christoph@tidy-intelligence.com> ([ORCID](#))
- Other contributors:
- Teal Insights [copyright holder]

See Also

- Useful links:
- <https://teal-insights.github.io/r-imfweco/>
 - <https://github.com/teal-insights/r-imfweco/>
 - Report bugs at <https://github.com/teal-insights/r-imfweco/issues>

weo_cache_reset	<i>Reset the Cache</i>
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Description

Reset the Cache

Usage

```
weo_cache_reset()
```

Value

No return value, called for side effects.

weo_get	<i>Get WEO Data</i>
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Description

Retrieve data from the IMF World Economic Outlook (WEO) database for specific series, countries, and years.

Usage

```
weo_get(  
  entities = NULL,  
  series = NULL,  
  start_year = 1980L,  
  end_year = NULL,  
  year = NULL,  
  release = NULL,  
  quiet = TRUE  
)
```

Arguments

entities	An optional character vector of ISO3 country codes or country group identifiers. See weo_get_entities .
series	A optional character vector of series codes. See weo_get_series .
start_year	Minimum year to include. Defaults to 1980.
end_year	Maximum year to include. Defaults to current year + 5 years.
year	The year of a WEO publication (e.g., 2024). Defaults to latest publication year.
release	The release of a WEO publication ("Spring" or "Fall"). Defaults to latest publication release.
quiet	A logical indicating whether to print download information. Defaults to TRUE.

Value

A data frame with columns:

- entity_id** ISO3 country code or country group ID
- entity_name** Entity name
- series_code** WEO series code
- series_name** Series name
- units** Units of measurement
- year** Year
- value** Value

Examples

```
# Get GDP growth for selected countries
weo_get(
  entities = c("USA", "GBR", "DEU"),
  series = "NGDP_RPCH",
  start_year = 2015,
  end_year = 2020
)
```

weo_get_entities	<i>Get Available WEO Entities</i>
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Description

Returns a data frame with available entities (countries and country groups) in the WEO database.

Usage

```
weo_get_entities(year = NULL, release = NULL, quiet = TRUE)
```

Arguments

- year** The year of a WEO publication (e.g., 2024). Defaults to latest publication year.
- release** The release of a WEO publication ("Spring" or "Fall"). Defaults to latest publication release.
- quiet** A logical indicating whether to print download information. Defaults to TRUE.

Value

A data frame with columns:

- entity_id** ISO3 country code or country group ID
- entity_name** Full name of the country or country group

Examples

```
# List all countries and regions
weo_get_entities()
```

weo_get_series	<i>Get Available WEO Series</i>
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Description

Returns a data frame with available series in the WEO database.

Usage

```
weo_get_series(year = NULL, release = NULL, quiet = TRUE)
```

Arguments

year	The year of a WEO publication (e.g., 2024). Defaults to latest publication year.
release	The release of a WEO publication ("Spring" or "Fall"). Defaults to latest publication release.
quiet	A logical indicating whether to print download information. Defaults to TRUE.

Value

A data frame with columns:

- series_id** The WEO series ID (e.g., "NGDP_RPCH")
- series_name** Full name of the series (e.g., "Gross domestic product, constant prices")
- units** Units of measurement

Examples

```
# List all series
weo_get_series()
```

weo_list_publications *List Available IMF WEO Publications*

Description

Returns a data frame of the WEO publications this package knows how to download. The IMF releases the WEO database twice per year:

- Spring (April)
- Fall (October)

The list is maintained as a lookup table inside the package rather than detected online, because releases published on the IMF Data portal (October 2025 onwards) sit behind opaque per-vintage identifiers. A new release therefore only becomes available after a package update.

Usage

```
weo_list_publications(start_year = 2007, end_year = NULL)
```

Arguments

<code>start_year</code>	Minimum year to include. Defaults to 2007.
<code>end_year</code>	Maximum year to include. Defaults to the year of the most recent known publication.

Value

A data frame with columns:

year The year of the release
release The release name ("Spring" or "Fall")
month The month of release ("April" or "October")

Examples

```
weo_list_publications()
```

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