

Package ‘worldbank’

May 8, 2026

Title Client for the 'World Bank' APIs

Version 0.9.0

Description Download and search data from the 'World Bank' APIs, including the 'Indicators' API, the 'Poverty and Inequality Platform (PIP)' API, the 'Finances One' API, and the 'Projects' API. See <https://datahelpdesk.worldbank.org/knowledgebase/articles/889386-developer-information-overview> for further details.

License MIT + file LICENSE

URL <https://m-muecke.github.io/worldbank/>,
<https://github.com/m-muecke/worldbank>

BugReports <https://github.com/m-muecke/worldbank/issues>

Depends R (>= 4.1.0)

Imports htr2 (>= 1.1.0), stats, tools

Suggests ggplot2, scales, testthat (>= 3.3.0), withr

Config/roxygen2/markdown TRUE

Config/roxygen2/version 8.0.0

Config/testthat/edition 3

Encoding UTF-8

NeedsCompilation no

Author Maximilian Mücke [aut, cre] (ORCID:
<https://orcid.org/0009-0000-9432-9795>)

Maintainer Maximilian Mücke <muecke.maximilian@gmail.com>

Repository CRAN

Date/Publication 2026-05-03 10:30:02 UTC

Contents

cache	2
fone_dataset	3
pip_aux	4
pip_citation	5
pip_cp	6
pip_data	7
pip_group	9
pip_health_check	10
pip_info	11
pip_valid_params	12
pip_versions	13
wb_bulk	13
wb_country	14
wb_data	16
wb_income_level	18
wb_indicator	19
wb_language	20
wb_lending_type	20
wb_project	21
wb_region	23
wb_search	24
wb_source	25
wb_topic	26
Index	28

cache	<i>Get or manage the worldbank API cache</i>
-------	--

Description

`wb_cache_dir()` returns the path where cached API responses are stored. `wb_cache_clear()` clears all cached responses.

Usage

`wb_cache_dir()`

`wb_cache_clear()`

`wb_cache_delete()`

Details

The cache is only used when enabled with `options(worldbank.cache = TRUE)`. Cached responses are stored for 1 day by default, but this can be customized with `options(worldbank.cache_max_age = seconds)`.

Examples

```
## Not run:
# enable caching
options(worldbank.cache = TRUE)

# view cache location
wb_cache_dir()

# clear the cache
wb_cache_clear()

## End(Not run)
```

fone_dataset	<i>Return Finances One API data</i>
--------------	-------------------------------------

Description

Return Finances One API data

Usage

```
fone_dataset(dataset_id, resource_id, ..., limit = NULL)

fone_view(view_id, ..., limit = NULL)
```

Arguments

dataset_id	(character(1)) The ID of the associated dataset.
resource_id	(character(1)) The ID of the associated resource.
...	(any) Additional arguments passed to the request.
limit	(NULL integer(1)) The maximum number of rows to return. Default NULL. If NULL, all rows are returned.
view_id	(character(1)) The ID of the view.

Value

A data.frame() with the requested dataset.

Source

<https://financesone.worldbank.org/data>

Examples

```
## Not run:
# get dataset data
dataset <- fone_dataset(dataset_id = "DS00047", resource_id = "RS00005")
head(dataset)

# get view data
view <- fone_view(view_id = "DS01538")
head(view)

## End(Not run)
```

pip_aux

Return auxiliary data tables

Description

Return auxiliary data tables

Usage

```
pip_aux(
  table = NULL,
  release_version = NULL,
  ppp_version = NULL,
  version = NULL
)
```

Arguments

table	(NULL character(1)) Table to be returned. Default NULL.
release_version	(NULL character(1)) Version of the data release in YYYYMMDD format. Default NULL.
ppp_version	(NULL character(1) numeric(1)) Version of the data. Default NULL.
version	(NULL character(1)) Version of the data. Default NULL.

Value

A character() with the available tables, or a data.frame() with the table data.

Source

<https://pip.worldbank.org/api>

See Also

Other poverty and inequality statistics: [pip_citation\(\)](#), [pip_cp\(\)](#), [pip_data\(\)](#), [pip_group\(\)](#), [pip_health_check\(\)](#), [pip_info\(\)](#), [pip_valid_params\(\)](#), [pip_versions\(\)](#)

Examples

```
# get a list of available tables
pip_aux()

# get countries
aux <- pip_aux("countries")
head(aux)

# get GDP
aux <- pip_aux("gdp")
head(aux)

# get CPI
aux <- pip_aux("cpi")
head(aux)
```

pip_citation	<i>Return citation for a given version</i>
--------------	--

Description

Return citation for a given version

Usage

```
pip_citation(release_version = NULL, ppp_version = NULL, version = NULL)
```

Arguments

release_version	(NULL character(1)) Version of the data release in YYYYMMDD format. Default NULL.
ppp_version	(NULL character(1) numeric(1)) Version of the data. Default NULL.
version	(NULL character(1)) Version of the data. Default NULL.

Value

A data.frame() with the citation.

Source

<https://pip.worldbank.org/api>

See Also

Other poverty and inequality statistics: [pip_aux\(\)](#), [pip_cp\(\)](#), [pip_data\(\)](#), [pip_group\(\)](#), [pip_health_check\(\)](#), [pip_info\(\)](#), [pip_valid_params\(\)](#), [pip_versions\(\)](#)

Examples

```
pip_citation()
```

pip_cp	<i>Return country profile data</i>
--------	------------------------------------

Description

Return country profile data

Usage

```
pip_cp(
  country = NULL,
  povline = 2.15,
  release_version = NULL,
  ppp_version = NULL,
  version = NULL
)
```

Arguments

country	(NULL character()) Countries for which statistics are to be computed, specified as ISO3 codes. Default NULL.
povline	(numeric(1)) Poverty line to be used to compute poverty measures. Poverty lines are only accepted up to 3 decimals. Default 2.15.
release_version	(NULL character(1)) Version of the data release in YYYYMMDD format. Default NULL.
ppp_version	(NULL character(1) numeric(1)) Version of the data. Default NULL.
version	(NULL character(1)) Version of the data. Default NULL.

Value

A `data.frame()` with country profile statistics including headcount ratios, inequality measures, and demographic breakdowns.

Source

<https://pip.worldbank.org/api>

See Also

Other poverty and inequality statistics: `pip_aux()`, `pip_citation()`, `pip_data()`, `pip_group()`, `pip_health_check()`, `pip_info()`, `pip_valid_params()`, `pip_versions()`

Examples

```
cp <- pip_cp("ZAF")
head(cp)
```

pip_data

Return main poverty and inequality statistics

Description

Return main poverty and inequality statistics

Usage

```
pip_data(
  country = NULL,
  year = NULL,
  povline = 2.15,
  popshare = NULL,
  fill_gaps = FALSE,
  nowcast = FALSE,
  welfare_type = c("all", "consumption", "income"),
  reporting_level = c("all", "national", "rural", "urban"),
  additional_ind = FALSE,
  release_version = NULL,
  ppp_version = NULL,
  version = NULL
)
```

Arguments

country	(NULL character()) Countries for which statistics are to be computed, specified as ISO3 codes. Default NULL.
year	(NULL character() numeric()) Years for which statistics are to be computed, specified as YYYY. Default NULL.
povline	(numeric(1)) Poverty line to be used to compute poverty measures. Poverty lines are only accepted up to 3 decimals. Default 2.15.
popshare	(NULL numeric(1)) Proportion of the population living below the poverty line. Will be ignored if povline is specified. Default NULL.
fill_gaps	(logical(1)) Whether to fill gaps in the data. Default FALSE.
nowcast	(logical(1)) Whether to include nowcast estimates. Requires fill_gaps = TRUE. Default FALSE.
welfare_type	(character(1)) Type of welfare measure to be used. Default "all".
reporting_level	(character(1)) Level of reporting for the statistics. Default "all".
additional_ind	(logical(1)) Whether to include additional indicators. Default FALSE.
release_version	(NULL character(1)) Version of the data release in YYYYMMDD format. Default NULL.
ppp_version	(NULL character(1) numeric(1)) Version of the data. Default NULL.
version	(NULL character(1)) Version of the data. Default NULL.

Value

A data.frame() with the requested statistics.

Source

<https://pip.worldbank.org/api>

See Also

Other poverty and inequality statistics: [pip_aux\(\)](#), [pip_citation\(\)](#), [pip_cp\(\)](#), [pip_group\(\)](#), [pip_health_check\(\)](#), [pip_info\(\)](#), [pip_valid_params\(\)](#), [pip_versions\(\)](#)

Examples

```
data <- pip_data(c("ZAF", "ZMB"))
head(data)
```

pip_group	<i>Return aggregation of PIP statistics</i>
-----------	---

Description

Return aggregation of PIP statistics

Usage

```
pip_group(
  country = NULL,
  year = NULL,
  povline = 2.15,
  popshare = NULL,
  group_by = c("wb", "none"),
  fill_gaps = FALSE,
  welfare_type = c("all", "consumption", "income"),
  reporting_level = c("all", "national", "rural", "urban"),
  additional_ind = FALSE,
  release_version = NULL,
  ppp_version = NULL,
  version = NULL
)
```

Arguments

country	(NULL character()) Countries for which statistics are to be computed, specified as ISO3 codes. Default NULL.
year	(NULL character() numeric()) Years for which statistics are to be computed, specified as YYYY. Default NULL.
povline	(numeric(1)) Poverty line to be used to compute poverty measures. Poverty lines are only accepted up to 3 decimals. Default 2.15.
popshare	(NULL numeric(1)) Proportion of the population living below the poverty line. Will be ignored if povline is specified. Default NULL.
group_by	(character(1)) Aggregate results by pre-defined sub-groups. Default "wb".

fill_gaps	(logical(1)) Whether to fill gaps in the data. Default FALSE.
welfare_type	(character(1)) Type of welfare measure to be used. Default "all".
reporting_level	(character(1)) Level of reporting for the statistics. Default "all".
additional_ind	(logical(1)) Whether to include additional indicators. Default FALSE.
release_version	(NULL character(1)) Version of the data release in YYYYMMDD format. Default NULL.
ppp_version	(NULL character(1) numeric(1)) Version of the data. Default NULL.
version	(NULL character(1)) Version of the data. Default NULL.

Value

A data.frame() with the requested statistics.

Source

<https://pip.worldbank.org/api>

See Also

Other poverty and inequality statistics: [pip_aux\(\)](#), [pip_citation\(\)](#), [pip_cp\(\)](#), [pip_data\(\)](#), [pip_health_check\(\)](#), [pip_info\(\)](#), [pip_valid_params\(\)](#), [pip_versions\(\)](#)

Examples

```
grp <- pip_group(c("AFE", "LAC"))
head(grp)
```

pip_health_check *Determine if the API is running and listening as expected*

Description

Determine if the API is running and listening as expected

Usage

```
pip_health_check()
```

Value

A character(1) with the health check message.

Source

<https://pip.worldbank.org/api>

See Also

Other poverty and inequality statistics: [pip_aux\(\)](#), [pip_citation\(\)](#), [pip_cp\(\)](#), [pip_data\(\)](#), [pip_group\(\)](#), [pip_info\(\)](#), [pip_valid_params\(\)](#), [pip_versions\(\)](#)

Examples

```
pip_health_check()
```

pip_info

Return information about the API

Description

Return information about the API

Usage

```
pip_info()
```

Value

A list() with the API information.

Source

<https://pip.worldbank.org/api>

See Also

Other poverty and inequality statistics: [pip_aux\(\)](#), [pip_citation\(\)](#), [pip_cp\(\)](#), [pip_data\(\)](#), [pip_group\(\)](#), [pip_health_check\(\)](#), [pip_valid_params\(\)](#), [pip_versions\(\)](#)

Examples

```
pip_info()
```

pip_valid_params *Return valid query parameters*

Description

Return valid query parameters

Usage

```
pip_valid_params(
  endpoint = c("all", "aux", "pip", "pip-grp", "pip-info", "valid-params"),
  release_version = NULL,
  ppp_version = NULL,
  version = NULL
)
```

Arguments

endpoint	(character(1))	Endpoint for which valid parameters are to be returned. Default "all".
release_version	(NULL character(1))	Version of the data release in YYYYMMDD format. Default NULL.
ppp_version	(NULL character(1) numeric(1))	Version of the data. Default NULL.
version	(NULL character(1))	Version of the data. Default NULL.

Value

A data.frame() with the valid parameters.

Source

<https://pip.worldbank.org/api>

See Also

Other poverty and inequality statistics: [pip_aux\(\)](#), [pip_citation\(\)](#), [pip_cp\(\)](#), [pip_data\(\)](#), [pip_group\(\)](#), [pip_health_check\(\)](#), [pip_info\(\)](#), [pip_versions\(\)](#)

Examples

```
params <- pip_valid_params()
head(params)
```

pip_versions	<i>Return the available data versions</i>
--------------	---

Description

Return the available data versions

Usage

```
pip_versions()
```

Value

A `data.frame()` with the available versions.

Source

<https://pip.worldbank.org/api>

See Also

Other poverty and inequality statistics: [pip_aux\(\)](#), [pip_citation\(\)](#), [pip_cp\(\)](#), [pip_data\(\)](#), [pip_group\(\)](#), [pip_health_check\(\)](#), [pip_info\(\)](#), [pip_valid_params\(\)](#)

Examples

```
vers <- pip_versions()
head(vers)
```

wb_bulk	<i>World Bank WDI bulk download</i>
---------	-------------------------------------

Description

Download the entire World Development Indicators dataset as a single zip and return its contents as a list of data frames. Useful for full-dataset analyses where paginating through [wb_data\(\)](#) would be slow, and for accessing footnote and series-time metadata that the API does not expose.

Usage

```
wb_bulk(timeout = 600L)
```

Arguments

timeout (integer(1))
Maximum download time in seconds. Default 600.

Details

The download is roughly 280 MB compressed and may take a minute or more.

Value

A named list() of data.frame():

- data: indicator values in long format with columns country_name, country_code, indicator_name, indicator_code, year, value.
- country: country metadata.
- series: series (indicator) metadata.
- country_series: country-series-specific notes.
- series_time: series-year-specific notes.
- footnote: footnotes per country, series, and year.

Source

https://databankfiles.worldbank.org/public/ddpext_download/WDI_CSV.zip

See Also

Other indicators data: [wb_country\(\)](#), [wb_data\(\)](#), [wb_income_level\(\)](#), [wb_indicator\(\)](#), [wb_language\(\)](#), [wb_lending_type\(\)](#), [wb_region\(\)](#), [wb_search\(\)](#), [wb_source\(\)](#), [wb_topic\(\)](#)

Examples

```
## Not run:  
wdi <- wb_bulk()  
head(wdi$data)  
  
## End(Not run)
```

wb_country

World Bank country data

Description

List all countries supported by the World Bank API.

Usage

```
wb_country(country = NULL, lang = "en")
```

Arguments

country	(NULL character()) Country to query. Default NULL. If NULL, all countries are returned.
lang	(character(1)) Language to query. Default "en".

Value

A data.frame() with the available countries. The columns are:

- country_id: The country ID.
- country_code: The country code.
- country_name: The country name.
- region_id: The region ID.
- region_code: The region code.
- region_value: The region value.
- admin_region_id: The admin region ID.
- admin_region_code: The admin region code.
- admin_region_value: The admin region value.
- income_level_id: The income level ID.
- income_level_code: The income level code.
- income_level_value: The income level value.
- lending_type_id: The lending type ID.
- lending_type_code: The lending type code.
- lending_type_value: The lending type value.
- capital_city: The capital city.
- longitude: The longitude.
- latitude: The latitude.

Source

<https://api.worldbank.org/v2/country>

See Also

Other indicators data: [wb_bulk\(\)](#), [wb_data\(\)](#), [wb_income_level\(\)](#), [wb_indicator\(\)](#), [wb_language\(\)](#), [wb_lending_type\(\)](#), [wb_region\(\)](#), [wb_search\(\)](#), [wb_source\(\)](#), [wb_topic\(\)](#)

Examples

```
country <- wb_country()
head(country)
```

wb_data

*World Bank country indicator data***Description**

List all country indicators supported by the World Bank API.

Usage

```
wb_data(
  indicator = "NY.GDP.MKTP.CD",
  country = NULL,
  lang = "en",
  start_date = NULL,
  end_date = NULL,
  mrv = NULL,
  gapfill = FALSE
)
```

```
wb_country_indicator(
  indicator = "NY.GDP.MKTP.CD",
  country = NULL,
  lang = "en",
  start_date = NULL,
  end_date = NULL,
  mrv = NULL,
  gapfill = FALSE
)
```

Arguments

indicator	(character()) Indicators to query.
country	(NULL character()) Countries to query. Default NULL. If NULL, all countries are returned.
lang	(character(1)) Language to query. Default "en".
start_date	(NULL character(1) integer(1)) Start date to query. Default NULL. Supported formats: <ul style="list-style-type: none"> • YYYY for yearly data (e.g. 2020 or "2020") • YYYYQ[1-4] for quarterly data (e.g. "2020Q1") • YYYYM[1-12] for monthly data (e.g. "2020M02")
end_date	(NULL character(1) integer(1)) End date to query, in the same format as start_date. Default NULL.

mrsv	(NULL integer(1)) Most recent values to return. An alternative to start_date/end_date. Default NULL.
gapfill	(logical(1)) Whether to fill missing values by carrying forward the last available value. Only used when mrsv is set. Default FALSE.

Value

A data.frame() with the available country indicators. The columns are:

- date: The date
- indicator_id: The indicator ID.
- indicator_name: The indicator name.
- country_id: The country ID.
- country_name: The country name.
- country_code: The country code.
- value: The indicator value.
- unit: The indicator unit.
- obs_status: The observation status.
- decimal: The decimal.

Source

<https://api.worldbank.org/v2/country/{country}/indicator/{indicator}>

See Also

Other indicators data: [wb_bulk\(\)](#), [wb_country\(\)](#), [wb_income_level\(\)](#), [wb_indicator\(\)](#), [wb_language\(\)](#), [wb_lending_type\(\)](#), [wb_region\(\)](#), [wb_search\(\)](#), [wb_source\(\)](#), [wb_topic\(\)](#)

Examples

```
# single indicator for a single country (all available years)
ind <- wb_data("NY.GDP.MKTP.CD", "US")
head(ind)

# multiple indicators for multiple countries (2015-2023)
ind <- wb_data(
  indicator = c("NY.GDP.MKTP.CD", "FP.CPI.TOTL.ZG"),
  country = c("US", "DE", "FR", "CH", "JP"),
  start_date = 2015, end_date = 2023
)
head(ind)
```

wb_income_level	<i>World Bank income level data</i>
-----------------	-------------------------------------

Description

List all income levels supported by the World Bank API.

Usage

```
wb_income_level(income = NULL, lang = "en")
```

Arguments

income	(NULL character()) Income level to query. Default NULL. If NULL, all levels are returned.
lang	(character(1)) Language to query. Default "en".

Value

A `data.frame()` with the available income levels. The columns are:

- `id`: The income level ID.
- `iso2code`: The ISO 2 code of the income level.
- `value`: The income level value.

Source

<https://api.worldbank.org/v2/incomeLevels>

See Also

Other indicators data: [wb_bulk\(\)](#), [wb_country\(\)](#), [wb_data\(\)](#), [wb_indicator\(\)](#), [wb_language\(\)](#), [wb_lending_type\(\)](#), [wb_region\(\)](#), [wb_search\(\)](#), [wb_source\(\)](#), [wb_topic\(\)](#)

Examples

```
wb_income_level()
```

wb_indicator	<i>World Bank indicator data</i>
--------------	----------------------------------

Description

List all indicators supported by the World Bank API.

Usage

```
wb_indicator(indicator = NULL, lang = "en")
```

Arguments

indicator	(NULL character(1)) Indicator to query. Default NULL. If NULL, all indicators are returned.
lang	(character(1)) Language to query. Default "en".

Value

A data.frame() with the available indicators. The columns are:

- id: The indicator ID.
- name: The indicator name.
- unit: The indicator unit.
- source_id: The source ID.
- source_value: The source value.
- source_note: The source note.
- source_organization: The source organization.
- topic_id: The topic ID.
- topic_value: The topic value.

Source

<https://api.worldbank.org/v2/indicator>

See Also

Other indicators data: [wb_bulk\(\)](#), [wb_country\(\)](#), [wb_data\(\)](#), [wb_income_level\(\)](#), [wb_language\(\)](#), [wb_lending_type\(\)](#), [wb_region\(\)](#), [wb_search\(\)](#), [wb_source\(\)](#), [wb_topic\(\)](#)

Examples

```
wb_indicator("NY.GDP.MKTP.CD")
```

wb_language	<i>World Bank available languages</i>
-------------	---------------------------------------

Description

List all languages supported by the World Bank API.

Usage

```
wb_language()
```

Value

A data.frame() with the available languages. The columns are:

- code: The language code.
- name: The language name.
- native_form: The native form of the language name.

Source

<https://api.worldbank.org/v2/languages>

See Also

Other indicators data: [wb_bulk\(\)](#), [wb_country\(\)](#), [wb_data\(\)](#), [wb_income_level\(\)](#), [wb_indicator\(\)](#), [wb_lending_type\(\)](#), [wb_region\(\)](#), [wb_search\(\)](#), [wb_source\(\)](#), [wb_topic\(\)](#)

Examples

```
wb_language()
```

wb_lending_type	<i>World Bank lending type data</i>
-----------------	-------------------------------------

Description

List all lending types supported by the World Bank API.

Usage

```
wb_lending_type(type = NULL, lang = "en")
```

Arguments

type	(NULL character()) Lending type to query. Default NULL. If NULL, all types are returned.
lang	(character(1)) Language to query. Default "en".

Value

A data.frame() with the available lending types. The columns are:

- id: The lending type ID.
- iso2code: The ISO 2 code of the lending type.
- value: The lending type value.

Source

<https://api.worldbank.org/v2/lendingTypes>

See Also

Other indicators data: [wb_bulk\(\)](#), [wb_country\(\)](#), [wb_data\(\)](#), [wb_income_level\(\)](#), [wb_indicator\(\)](#), [wb_language\(\)](#), [wb_region\(\)](#), [wb_search\(\)](#), [wb_source\(\)](#), [wb_topic\(\)](#)

Examples

```
wb_lending_type()
```

wb_project	<i>World Bank project data</i>
------------	--------------------------------

Description

Query World Bank project data from the Projects API.

Usage

```
wb_project(
  id = NULL,
  country = NULL,
  status = NULL,
  region = NULL,
  search = NULL,
  start_date = NULL,
  end_date = NULL
)
```

Arguments

id	(NULL character(1)) Project ID to query, e.g. "P163868". Default NULL. If provided, other filters are ignored.
country	(NULL character()) ISO country code(s) to filter by, e.g. "BR" or c("BR", "IN"). Default NULL.
status	(NULL character(1)) Project status to filter by. One of "Active", "Closed", "Dropped", or "Pipeline". Default NULL.
region	(NULL character(1)) Region name to filter by, e.g. "South Asia". Default NULL.
search	(NULL character(1)) Free-text search term. Default NULL.
start_date	(NULL character(1)) Board approval start date in "YYYY-MM-DD" format. Default NULL.
end_date	(NULL character(1)) Board approval end date in "YYYY-MM-DD" format. Default NULL.

Value

A data.frame() with World Bank project data. The columns are:

- id: The project ID.
- project_name: The project name.
- status: The project status.
- approval_date: The board approval date.
- closing_date: The closing date.
- country_code: The ISO country code.
- country: The country name.
- region: The region name.
- total_commitment: The total commitment amount in millions USD.
- ibrd_commitment: The IBRD commitment amount in millions USD.
- ida_commitment: The IDA commitment amount in millions USD.
- lending_instrument: The lending instrument type.
- borrower: The borrower name.
- implementing_agency: The implementing agency name.
- url: The project URL.

Source

<https://search.worldbank.org/api/v2/projects>

Examples

```
# active projects in Brazil related to education
wb_project(country = "BR", status = "Active", search = "education")

# look up a specific project
wb_project(id = "P163868")
```

wb_region	<i>World Bank region data</i>
-----------	-------------------------------

Description

List all regions supported by the World Bank API.

Usage

```
wb_region(region = NULL, lang = "en")
```

Arguments

region	(NULL character()) Region to query. Default NULL. If NULL, all regions are returned.
lang	(character(1)) Language to query. Default "en".

Value

A data.frame() with the available regions. The columns are:

- id: The region ID.
- code: The region code.
- iso2code: The ISO 2 code of the region.
- name: The region name.

Source

<https://api.worldbank.org/v2/region>

See Also

Other indicators data: [wb_bulk\(\)](#), [wb_country\(\)](#), [wb_data\(\)](#), [wb_income_level\(\)](#), [wb_indicator\(\)](#), [wb_language\(\)](#), [wb_lending_type\(\)](#), [wb_search\(\)](#), [wb_source\(\)](#), [wb_topic\(\)](#)

Examples

```
region <- wb_region()
head(region)
```

wb_search

Search World Bank indicators

Description

Search the indicator catalog returned by `wb_indicator()` for a regular expression pattern across one or more text fields. By default the match is case insensitive.

Usage

```
wb_search(
  pattern,
  fields = c("id", "name", "source_note"),
  catalog = NULL,
  lang = "en",
  ignore.case = TRUE,
  ...
)
```

Arguments

pattern	(character(1)) Regular expression to match.
fields	(character()) Columns of the indicator catalog to search. Default <code>c("id", "name", "source_note")</code> .
catalog	(NULL data.frame()) Optional pre-fetched indicator catalog. If NULL (default), <code>wb_indicator()</code> is called.
lang	(character(1)) Language to query. Only used when catalog is NULL. Default "en".
ignore.case	(logical(1)) Whether the match should be case insensitive. Default TRUE.
...	(any) Additional arguments passed to <code>grepl()</code> .

Value

A `data.frame()` with the matching rows of the indicator catalog.

Source

<https://api.worldbank.org/v2/indicator>

See Also

Other indicators data: [wb_bulk\(\)](#), [wb_country\(\)](#), [wb_data\(\)](#), [wb_income_level\(\)](#), [wb_indicator\(\)](#), [wb_language\(\)](#), [wb_lending_type\(\)](#), [wb_region\(\)](#), [wb_source\(\)](#), [wb_topic\(\)](#)

Examples

```
# search for indicators related to GDP
wb_search("GDP")

# restrict the search to the indicator name
wb_search("unemployment", fields = "name")

# case-sensitive fixed-string match
wb_search("GDP", ignore.case = FALSE, fixed = TRUE)
```

wb_source

World Bank source data

Description

List all sources supported by the World Bank API.

Usage

```
wb_source(source = NULL, lang = "en")
```

Arguments

source	(NULL character()) Source to query. Default NULL. If NULL, all sources are returned.
lang	(character(1)) Language to query. Default "en".

Value

A `data.frame()` with the available sources. The columns are:

- `id`: The source ID.
- `last_updated`: The date the source was last updated.
- `name`: The source name.

- `code`: The source code.
- `description`: The source description.
- `url`: The source URL.
- `data_availability`: Whether the source has data available.
- `metadata_availability`: Whether the source has metadata available.
- `concepts`: The concepts associated with the source.

Source

<https://api.worldbank.org/v2/sources>

See Also

Other indicators data: [wb_bulk\(\)](#), [wb_country\(\)](#), [wb_data\(\)](#), [wb_income_level\(\)](#), [wb_indicator\(\)](#), [wb_language\(\)](#), [wb_lending_type\(\)](#), [wb_region\(\)](#), [wb_search\(\)](#), [wb_topic\(\)](#)

Examples

```
src <- wb_source()
head(src)
```

wb_topic	<i>World Bank topic data</i>
----------	------------------------------

Description

List all topics supported by the World Bank API.

Usage

```
wb_topic(topic = NULL, lang = "en")
```

Arguments

<code>topic</code>	(NULL character()) Topic to query. Default NULL. If NULL, all topics are returned.
<code>lang</code>	(character(1)) Language to query. Default "en".

Value

A data.frame() with the available topics. The columns are:

- `id`: The topic ID.
- `value`: The topic value.
- `source_note`: The source note.

Source

<https://api.worldbank.org/v2/topics>

See Also

Other indicators data: [wb_bulk\(\)](#), [wb_country\(\)](#), [wb_data\(\)](#), [wb_income_level\(\)](#), [wb_indicator\(\)](#), [wb_language\(\)](#), [wb_lending_type\(\)](#), [wb_region\(\)](#), [wb_search\(\)](#), [wb_source\(\)](#)

Examples

```
topic <- wb_topic()
head(topic)
```

Index

- * **indicators data**
 - wb_bulk, 13
 - wb_country, 14
 - wb_data, 16
 - wb_income_level, 18
 - wb_indicator, 19
 - wb_language, 20
 - wb_lending_type, 20
 - wb_region, 23
 - wb_search, 24
 - wb_source, 25
 - wb_topic, 26
- * **poverty and inequality statistics**
 - pip_aux, 4
 - pip_citation, 5
 - pip_cp, 6
 - pip_data, 7
 - pip_group, 9
 - pip_health_check, 10
 - pip_info, 11
 - pip_valid_params, 12
 - pip_versions, 13
- * **projects data**
 - wb_project, 21
- cache, 2
- fone_dataset, 3
- fone_view (fone_dataset), 3
- grepl(), 24
- pip_aux, 4
- pip_aux(), 6–8, 10–13
- pip_citation, 5
- pip_citation(), 5, 7, 8, 10–13
- pip_cp, 6
- pip_cp(), 5, 6, 8, 10–13
- pip_data, 7
- pip_data(), 5–7, 10–13
- pip_group, 9
- pip_group(), 5–8, 11–13
- pip_health_check, 10
- pip_health_check(), 5–8, 10–13
- pip_info, 11
- pip_info(), 5–8, 10–13
- pip_valid_params, 12
- pip_valid_params(), 5–8, 10, 11, 13
- pip_versions, 13
- pip_versions(), 5–8, 10–12
- wb_bulk, 13
- wb_bulk(), 15, 17–21, 23, 25–27
- wb_cache_clear (cache), 2
- wb_cache_delete (cache), 2
- wb_cache_dir (cache), 2
- wb_country, 14
- wb_country(), 14, 17–21, 23, 25–27
- wb_country_indicator (wb_data), 16
- wb_data, 16
- wb_data(), 13–15, 18–21, 23, 25–27
- wb_income_level, 18
- wb_income_level(), 14, 15, 17, 19–21, 23, 25–27
- wb_indicator, 19
- wb_indicator(), 14, 15, 17, 18, 20, 21, 23–27
- wb_language, 20
- wb_language(), 14, 15, 17–19, 21, 23, 25–27
- wb_lending_type, 20
- wb_lending_type(), 14, 15, 17–20, 23, 25–27
- wb_project, 21
- wb_region, 23
- wb_region(), 14, 15, 17–21, 25–27
- wb_search, 24
- wb_search(), 14, 15, 17–21, 23, 26, 27
- wb_source, 25
- wb_source(), 14, 15, 17–21, 23, 25, 27
- wb_topic, 26
- wb_topic(), 14, 15, 17–21, 23, 25, 26