

Package ‘worldbank’

July 2, 2024

Title Client for the 'World Bank Indicators API'

Version 0.1.0

Description Download and search data from the 'World Bank Indicators API', which provides access to nearly 16,000 time series indicators.

See

<<https://datahelpdesk.worldbank.org/knowledgebase/articles/889392-about-the-indicators-api-documentation>>

for further details about the API.

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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

Suggests ggplot2, scales, testthat (>= 3.0.0), tibble

Config/testthat/edition 3

Encoding UTF-8

RoxygenNote 7.3.2

NeedsCompilation no

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

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

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wb_country	<i>World Bank country data</i>
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Description

List all countries supported by the World Bank API.

Usage

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

Arguments

country	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

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

Examples

```
wb_country()
```

wb_country_indicator *World Bank country indicator data*

Description

List all country indicators supported by the World Bank API.

Usage

```
wb_country_indicator(
  indicator = "NY.GDP.MKTP.CD",
  country = NULL,
  lang = "en",
  start_year = NULL,
  end_year = NULL
)
```

Arguments

indicator	character(1) indicator to query.
country	character() country to query. Default NULL. If NULL, all countries are returned.
lang	character(1) language to query. Default "en".
start_year	integer(1) start year to query. Default NULL.
end_year	integer(1) end year to query. Default NULL.

Value

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

<code>date</code>	The date
<code>indicator_id</code>	The indicator ID.
<code>indicator_name</code>	The indicator name.
<code>country_id</code>	The country ID.
<code>country_name</code>	The country name.
<code>country_code</code>	The country code.
<code>value</code>	The indicator value.
<code>unit</code>	The indicator unit.
<code>obs_status</code>	The observation status.
<code>decimal</code>	The decimal.

Source

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

Examples

```
wb_country_indicator("NY.GDP.MKTP.CD", "US")
```

<code>wb_income_level</code>	<i>World Bank income level data</i>
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Description

List all income levels supported by the World Bank API.

Usage

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

Arguments

<code>income</code>	<code>character()</code> income level to query. Default <code>NULL</code> . If <code>NULL</code> , all levels are returned.
<code>lang</code>	<code>character(1)</code> language to query. Default <code>"en"</code> .

Value

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

<code>id</code>	The income level ID.
<code>iso2code</code>	The ISO 2 code of the income level.
<code>value</code>	The income level value.

Source

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

Examples

```
wb_income_level()
```

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

List all indicators supported by the World Bank API.

Usage

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

Arguments

indicator	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

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

Examples

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

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

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

Examples

```
wb_language()
```

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

List all lending types supported by the World Bank API.

Usage

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

Arguments

type	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

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

Examples

```
wb_lending_type()
```

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

List all regions supported by the World Bank API.

Usage

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

Arguments

region	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

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

Examples

```
wb_region()
```

wb_source	<i>World Bank source data</i>
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Description

List all sources supported by the World Bank API.

Usage

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

Arguments

source	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

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

Examples

```
wb_source()
```

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

List all topics supported by the World Bank API.

Usage

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

Arguments

topic	character() topic to query. Default NULL. If NULL, all topics are returned.
lang	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

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

Examples

```
wb_topic()
```

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