Package 'openholidaysR'

November 24, 2025

Title Provides Access to the 'OpenHolidays' API

Version 0.1.0

Description Provides dates for public and school holidays for a number of countries and their subdivisions through the 'OpenHolidays' API at <https://www.openholidaysapi.org/en/>.

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Encoding UTF-8

Language en

RoxygenNote 7.3.2

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

Imports httr2

URL <https://github.com/jfeldhege/openholidaysR>,
<http://www.johannesfeldhege.de/openholidaysR/>

BugReports <https://github.com/jfeldhege/openholidaysR/issues>

Depends R (>= 4.1)

NeedsCompilation no

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Repository CRAN

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oh_countries *Get list of countries supported by OpenHolidays*

Description

Get list of countries supported by OpenHolidays

Usage

```
oh_countries(language = "EN")
```

Arguments

language   Language code (default: "EN").

Value

A data frame of supported countries.

Examples

```
oh_countries(language = "DE")
```

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oh_languages *Get supported languages*

Description

This function retrieves the list of supported languages from the OpenHolidays API.

Usage

```
oh_languages()
```

Value

A data frame of available languages (ISO code + localized name).

Examples

```
oh_languages()
```

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oh_public_holidays *Get public holidays for a given country and time period*

Description

Get public holidays for a given country and time period

Usage

```
oh_public_holidays(country, language = "EN", start_date, end_date)
```

Arguments

country	Country ISO code (e.g. "DE" for Germany).
language	Language ISO code (default: "EN").
start_date	Start date of time period (YYYY-MM-DD).
end_date	End date of time period (YYYY-MM-DD).

Value

A data frame of holidays for a given country and time period.

Examples

```
# Get all holidays for Germany for the year 2025

oh_public_holidays(country = "DE",
                   language = "EN",
                   start_date = "2025-01-01",
                   end_date = "2025-12-31")
```

---

oh_public_holidays_by_date
Get public holidays for a specific date for all countries

Description

Get public holidays for a specific date for all countries

Usage

```
oh_public_holidays_by_date(date, language = "EN")
```

Arguments

`date`	date (YYYY-MM-DD).
`language`	Language ISO code (default: "EN").

Value

A data frame of holidays for all countries.

Examples

```
oh_public_holidays_by_date(date = "2025-12-25")
```

`oh_school_holidays`   *Get school holidays for a given country and time period*

Description

This function retrieves school holidays from the OpenHolidays API for a specified country within a given date range.

Usage

```
oh_school_holidays(
  country,
  language = "EN",
  start_date,
  end_date,
  subdivision = NULL
)
```

Arguments

`country`	Country ISO code (e.g., "DE").
`language`	Language code (default: "EN").
`start_date`	Start date in YYYY-MM-DD format.
`end_date`	End date in YYYY-MM-DD format.
`subdivision`	Optional subdivision ID (if you want holidays for a specific subdivision such as state/province).

Value

A data frame of school holidays.

Examples

```
oh_school_holidays(country = "DE",
                   start_date = "2025-01-01",
                    end_date = "2025-01-31")

oh_school_holidays(country = "DE",
                   start_date = "2025-01-01",
                   end_date = "2025-01-31",
                   subdivision = "DE-BY")
```

---

oh_school_holidays_by_date

Get school holidays for a specific date for all countries

Description

Get school holidays for a specific date for all countries

Usage

```
oh_school_holidays_by_date(date, language = "EN")
```

Arguments

date   date (YYYY-MM-DD).

language   Language ISO code (default: "EN").

Value

A data frame of school holidays for all countries.

Examples

```
oh_school_holidays_by_date(date = "2025-01-06")
```

`oh_stat_public_holidays`

Reads statistical data about stored holidays

Description

Reads statistical data about stored holidays

Usage

```
oh_stat_public_holidays(country, subdivision = NULL)

oh_stat_school_holidays(country, subdivision = NULL)
```

Arguments

country　　　　　Country ISO code (e.g., "DE").

subdivision　　Optional subdivision ID (if you want holidays for a specific state/province).

Value

A data frame containing youngestStartDate and oldestStartDate.

Examples

```
# Statistical data about public holidays in Germany
oh_stat_public_holidays(country = "DE")

# Statistical data about school holidays in Hamburg
oh_stat_school_holidays(country = "DE", subdivision = "DE-HH")
```

`oh_subdivisions`　　　　*Get subdivisions for a given country*

Description

This function retrieves administrative subdivisions (e.g., states, provinces) for a specified country from the OpenHolidays API.

Usage

```
oh_subdivisions(country, language = "EN")
```

Arguments

country	Country ISO code (e.g., "DE" for Germany).
language	Language code (default: "EN").

Value

A data frame of subdivisions.

Examples

```
oh_subdivisions(country = "DE")
```

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