

Package: openholidaysR (via r-universe)

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

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

Depends R (>= 4.1)

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Repository <https://jfeldhege.r-universe.dev>

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oh_countries	<i>Get list of countries supported by OpenHolidays</i>
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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")
```

oh_languages	<i>Get supported languages</i>
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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()
```

oh_public_holidays	<i>Get public holidays for a given country and time period</i>
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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	<i>Get subdivisions for a given country</i>
-----------------	---

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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