Package ‘freecurrencyapi’

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Title  Client for the ‘freecurrencyapi.com’ Currency Conversion API
Version  0.1.0
Description  An R client for the ‘freecurrencyapi.com’ currency conversion API. The API requires registration of an API key. You can find the full API documentation at <https://freecurrencyapi.com/docs>.
License  MIT + file LICENSE
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freecurrencyapi_api_key

Freecurrencyapi API Key

Description

freecurrencyapi.com requires authentication via an API key. For this package, the API key is saved as a environmental variable. In interactive mode, using freecurrencyapi_api_key will require you to enter an API key. Alternatively, you can also use Sys.setenv(FREECURRENCYAPI_API_KEY = <key>) to set the API key manually.

Usage

freecurrencyapi_api_key(force = FALSE)

Arguments

force If TRUE, resets the API key & requires the user to provide a new API key. If FALSE and an API key already exists, the key will be printed to the console. If no key exists, you will be required to enter a key. force. Defaults to FALSE.

Value

Returns the set API key that has been stored as an environment variable.

get_api_status

Get the current status of the API.

Description

Get the current status of the API.

Usage

get_api_status()

Value

Returns your current quota. Requests to this endpoint do not count against your quota or rate limit.
### get_historical_exchange_rates

*Get historical exchange rates for a specific date for a single or multiple currencies.*

**Description**

Get historical exchange rates for a specific date for a single or multiple currencies.

**Usage**

```r
get_historical_exchange_rates(date, base_currency = NULL, currencies = NULL)
```

**Arguments**

- **date** *(required)* Date to retrieve historical rates from (format: 2021-12-31)
- **base_currency** The base currency for the conversion (e.g., "USD")
- **currencies** A list of comma separated currency codes which you want to get (EUR,USD,CAD)
  By default all available currencies will be shown

**Value**

Returns exchange rates for a given time range. Generally, we provide data going back to 1999.

### get_latest_exchange_rates

*Get exchange rate from the Freecurrencyapi.com API*

**Description**

Get exchange rate from the Freecurrencyapi.com API

**Usage**

```r
get_latest_exchange_rates(base_currency = NULL)
```

**Arguments**

- **base_currency** The base currency for the conversion (e.g., "USD")

**Value**

Returns the latest currency exchange rates.
get_supported_currencies

Get the current status of the API.

Description
Get the current status of the API.

Usage
get_supported_currencies(currencies = NULL)

Arguments
currencies (required) A list of comma separated currency codes which you want to get (EUR,USD,CAD) By default all available currencies will be shown.

Value
Returns all our supported currencies.
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