**convert_exchange_rates**

*Convert a value to a specific range of other currencies from the Currencyapi.com API. Retrieve the latest exchange rate data or for a specific historic date.*

---

**Description**

Convert a value to a specific range of other currencies from the Currencyapi.com API. Retrieve the latest exchange rate data or for a specific historic date.

**Usage**

```r
convert_exchange_rates(
  value,
  date = NULL,
  base_currency = NULL,
  currencies = NULL
)
```

**Arguments**

- `value` *(required)* The value you want to convert
- `date` 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 calculated values for today or any given date for all or a specific set of currencies.

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**currencyapi_api_key**

*Currencyapi API Key*

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**Description**

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

**Usage**

```r
currencyapi_api_key(force = FALSE)
```
**get_api_status**

**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.

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**get_date_range_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_date_range_historical_exchange_rates(
  datetime_start,
  datetime_end,
  accuracy = NULL,
  base_currency = NULL,
  currencies = NULL
)
```
get_historical_exchange_rates

Arguments

datetime_start (required) Datetime for the start of your requested range (format: 2021-12-31T23:59:59Z / ISO8601 Datetime)
datetime_end (required) Datetime for the end of your requested range (format: 2021-12-31T23:59:59Z / ISO8601 Datetime)
accuracy The accuracy you want to receive; Possible Values: day, hour, quarter_hour, minute; Default: day For valid time ranges see below
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 Currencyapi.com API

Description
Get exchange rate from the Currencyapi.com API

Usage
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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