Package ‘covid19us’

April 11, 2020

Title  Cases of COVID-19 in the United States
Version  0.1.2
Description  A wrapper around the ‘COVID Tracking Project API’
<https://covidtracking.com/api/> providing data on cases of COVID-19 in the US.
License  MIT + file LICENSE
Imports  curl (>= 4.3), dplyr (>= 0.8.3), glue (>= 1.3.1), htr (>= 1.4.1), lubridate (>= 1.7.4), magrittr (>= 1.5), purrr (>= 0.3.3), snakecase (>= 0.11.0), stringr (>= 1.4.0), tibble (>= 2.1.3), tidyr (>= 1.0.2)
Suggests  covr (>= 3.4.0), testthat (>= 2.1.0)
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get_counties_info  
*Get COVID-related information for certain counties*

**Description**
Currently limited to the worst-affected counties in mostly Washington state, California, and New York.

**Usage**

```r
get_counties_info()
```

**Value**
A tibble with one row per county and their COVID website information.

**Examples**

```r
get_counties_info()
```

---

get_states_current  
*Get current counts for every state*

**Description**
Get current counts for every state

**Usage**

```r
get_states_current()
```

**Value**
A tibble with one row per state and columns for individuals’ COVID statuses (positive, negative, pending, death) and their total.

**Examples**

```r
get_states_current()
```
**get_states_daily**  
*Get daily counts for every state*

**Description**

Daily counts are updated every day at 4pm EST. This is the only function that takes arguments.

**Usage**

```
get_states_daily(state = "all", date = "all")
```

**Arguments**

- **state**: State abbreviation for a specific state or all states with "all".
- **date**: For a specific date, a character or date vector of length 1 coercible to a date with lubridate::as_date().

**Value**

A tibble with one row per state for all dates available with columns for individuals’ COVID statuses (positive, negative, pending, death) and their total.

**Examples**

```
get_states_daily()
get_states_daily("NY", "2020-03-17")
get_states_daily(state = "WA")
get_states_daily(date = "2020-03-11")
```

---

**get_states_info**  
*Get COVID-related information for each state*

**Description**

Get COVID-related information for each state

**Usage**

```
get_states_info()
```

**Value**

A tibble with one row per state including information on the state’s data_site where the data was pulled from and the covid_19_site where data is published.
get_tracker_urls  
*Get URLs and their details for each state*

**Description**
Get URLs and their details for each state

**Usage**
get_tracker_urls()

**Value**
A tibble with one row for every state, the URL used by scrapers to get data, and a *filter* column that provides the xpath or CSS selector used by the COVID-19 Tracking Project’s scraper to get this data.

**Examples**
get_tracker_urls()

get_us_current  
*Get current US counts*

**Description**
Get current US counts

**Usage**
get_us_current()

**Value**
A tibble with one row for the current count of the country’s COVID statuses.

**Examples**
get_us_current()
get_us_daily

Description
Updated every day at 4pm.

Usage
get_us_daily()

Value
A tibble with one row per date in which data is available and counts for each of those states.

Examples
get_us_daily()
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