Package `covid19us`

May 20, 2020

**Title**  Cases of COVID-19 in the United States

**Version**  0.1.6

**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 (>= 2.1.3), testthat (>= 2.1.0)

**Suggests**  covr (>= 3.4.0), testthat (>= 2.1.0)

**Encoding**  UTF-8

**LazyData**  true

**RoxygenNote**  7.1.0

**NeedsCompilation**  no

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**Repository**  CRAN

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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_info_covid19us  
*Get info about this dataset*

**Description**
Get info about this dataset

**Usage**
```r
get_info_covid19us()
```

**Value**
A tibble with information about where the data is pulled from, details about the dataset, what the data types are, etc.

**Examples**
```r
get_info_covid19us()
```
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**

```r
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.
get_tracker_urls

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.

Examples

get_states_info()

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.
get_us_current

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  Get daily US counts

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()
refresh_covid19us  Get state data in long format

Description
Get state data in long format

Usage
refresh_covid19us(type = "daily")

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>type</td>
<td>One of &quot;daily&quot; or &quot;current&quot;</td>
</tr>
</tbody>
</table>

Value
A tibble of data retrieved with get_states_daily or get_states_current in long format with a data_type and a value column.

Examples

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