Package 'covid19us'

October 12, 2022

Title Cases of COVID-19 in the United States

Version 0.1.9

Description A wrapper around the 'COVID Tracking Project API'
<https://covidtracking.com/api/> providing data on cases of COVID-19
in the US.

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Imports curl (>= 4.3), dplyr (>= 0.8.3), glue (>= 1.3.1), httr (>=
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)

Encoding UTF-8

RoxygenNote 7.1.1

NeedsCompilation no

Author Amanda Dobbyn [aut, cre]

Maintainer Amanda Dobbyn <amanda.e.dobbyn@gmail.com>

Repository CRAN

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R topics documented:

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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

```
get_counties_info()
```

Value

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

Examples

```
get_counties_info()
```

---

get_info_covid19us   *Get info about this dataset*

Description

Get info about this dataset

Usage

```
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

```
get_info_covid19us()
```

---

get_states_current *Get current counts for every state*

Description

Get current counts for every state

Usage

```
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

```
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 incluing 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 provices 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   *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

type   One of "daily" or "current"

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

```
refresh_covid19us()
```

Index