Package ‘coronavirus’

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Title  The 2019 Novel Coronavirus COVID-19 (2019-nCoV) Dataset

Version  0.1.0

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Encoding  UTF-8

LazyData  true

Depends  R (>= 3.0.2)

Suggests  dplyr, knitr, rmarkdown, devtools, remotes, testthat (>= 2.1.0)

URL  https://github.com/RamiKrispin/coronavirus

BugReports  https://github.com/RamiKrispin/coronavirus/issues

RoxygenNote  6.1.1

NeedsCompilation  no

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Repository  CRAN

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The 2019 Novel Coronavirus COVID-19 (2019-nCoV) Dataset

Description

daily summary of the Coronavirus (COVID-19) cases by state/province.

Usage

coronavirus

Format

A tbl object

Details

The dataset contains the daily summary of Coronavirus cases (confirmed, death, and recovered), by state/province

Source

Johns Hopkins University Center for Systems Science and Engineering (JHU CCSE) Coronavirus website

Examples

data(coronavirus)

require(dplyr)

# Get top confirmed cases by state

coronavirus %>%
  filter(type == "confirmed") %>%
  group_by(Country.Region) %>%
  summarise(total = sum(cases)) %>%
  arrange(-total) %>%
  head(20)

# Get the number of recovered cases in Mainland China by province

coronavirus %>%
  filter(type == "recovered", Country.Region == "Mainland China") %>%
  group_by(Province.State) %>%
  summarise(total = sum(cases)) %>%
  arrange(-total)
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