Package ‘coronavirus’

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Title The 2019 Novel Coronavirus COVID-19 (2019-nCoV) Dataset
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Imports devtools(>= 2.2.2)
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BugReports https://github.com/RamiKrispin/coronavirus/issues
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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 data frame with 7 variables.
- date  Date in YYYY-MM-DD format.
- province  Name of province/state, for countries where data is provided split across multiple provinces/states.
- country  Name of country/region.
- lat  Latitude of center of geographic region, defined as either country or, if available, province.
- long  Longitude of center of geographic region, defined as either country or, if available, province.
- type  An indicator for the type of cases (confirmed, death, recovered).
- cases  Number of cases on given date.

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) %>%
  summarise(total = sum(cases)) %>%
  arrange(-total) %>%
  head(20)
update_dataset

# Get the number of recovered cases in China by province
coronavirus %>%
  filter(type == "recovered", country == "China") %>%
group_by(province) %>%
s summarise(total = sum(cases)) %>%
arrange(-total)

update_dataset

Description
Update the coronavirus Dataset

Usage
update_dataset(silence = FALSE)

Arguments
silence A boolean, if set to TRUE, will automatically install updates without prompt
question, by default set to FALSE

Details
As the CRAN version is being updated every one-two months, the dev version of the package is
being updated on a daily bases. This function enables to refresh the package dataset to the most
up-to-date data. Changes will be available on the global environment

Value
A data.frame object

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

Examples
## Not run:

# update with a question prompt
update_dataset(silence = FALSE)

# update without a question prompt
update_dataset(silence = TRUE)

## End(Not run)
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