Package: alboFr (via r-universe)

February 23, 2025

Title Get French Data on Tiger Mosquito Colonisation

Version 0.0.0.9000

Description Get French Data on Tiger Mosquito (Aedes Albopictus) colonisation in France from the online map at <https://signalement-moustique.anses.fr/signalement_albopictus/colonisees>.

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Imports RcppSimdJson, rlang

Suggests ggplot2, quarto, sf

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Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.2

Repository https://e-kotov.r-universe.dev

RemoteUrl https://github.com/e-kotov/alboFr

RemoteRef HEAD

RemoteSha 145fa1f71dd206887b29c16d64968872116cb66f

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`get_tiger_mosquito_colonisation_in_france` *Get latest tiger mosquito colonisation data in France from the online map*

Description

Get latest tiger mosquito colonisation data in France from the online map at https://signalement-moustique.anses.fr/signalement_albopictus/colonisees.

Usage

```
get_tiger_mosquito_colonisation_in_france(output = c("sf", "geojson"))
```

Arguments

output	The output format. Can be either "sf" or "geojson".

Value

If output = "sf", an sf object with the tiger mosquito colonisation data in France. All polygons that exist on the map are covering the territories where the tiger mosquito (Aedes Albopictus) has alreadt been detected in France. If output = "geojson", a GeoJSON in a character vector with the tiger mosquito colonisation data in France. Using the 'geojson' option allows to use the package without the sf package. You can therefore just save the resulting string to a text file. See examples.

Examples

```
# get the latest data in `sf`
x <- get_tiger_mosquito_colonisation_in_france(output = "sf")

# save the data to GeoPackage file with `sf`
if(interactive()) {
library(sf)
st_write(x, "tiger_mosquito_colonisation_in_france.gpkg")
}


# get the latest data in `geojson`
x <- get_tiger_mosquito_colonisation_in_france(output = "geojson")

# save the data to text file
if(interactive()) {
writeLines(x, "tiger_mosquito_colonisation_in_france.geojson")
}
```

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