Package: banR (via r-universe)

May 27, 2026

Type Package

Title Client for the 'BAN' API

Version 0.2.4.9000

Description A client for the 'Base Adresses Nationale' ('BAN') API, which allows to (batch) geocode and reverse-geocode French addresses. For more information about the 'BAN' and its API, please see <https://adresse.data.gouv.fr/outils/api-doc/adresse>.

License GPL-3

LazyData TRUE

Depends R (>= 2.10)

Imports dplyr (>= 0.7.0), httr, readr, magrittr, tibble, purrr, rlang, utils, stringr, tidyr

Suggests testthat, knitr, rmarkdown

RoxygenNote 7.3.3

Encoding UTF-8

URL https://joelgombin.github.io/banR/, https://github.com/joelgombin/banR/

BugReports https://github.com/joelgombin/banR/issues

VignetteBuilder knitr

Config/pak/sysreqs libicu-dev libssl-dev libx11-dev

Repository https://joelgombin.r-universe.dev

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RemoteUrl https://github.com/joelgombin/banr

RemoteRef HEAD

RemoteSha fbee60f6565df9c0d82d6bac75d19f55c965ca80

Contents

`format_object_size` *Format object size*

Description

This function is modified copy of the utils:::format.object_size function which is not exported. The main difference is that it returns values.

Usage

```
format_object_size(x, units = "b", standard = "auto", digits = 1L, ...)
```

Arguments

`x`	a number
`units`	a unit
`standard`	a standard
`digits`	number of digits
`...`	anything else

`geocode` *Geocode*

Description

Geocode

Usage

```
geocode(query)
```

Arguments

query	a string of the adress you want to geocode

Value

a tibble

Examples

```
## Not run:
geocode(query = "39 quai André Citroën, Paris")

## End(Not run)
```

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geocode_tbl *Geocode tbl*

Description

Geocode tbl geocodes a whole data frame

Usage

```
geocode_tbl(tbl, adresse, code_insee = NULL, code_postal = NULL)
```

Arguments

tbl	a data frame or tibble
adresse	adress column
code_insee	official citycode column
code_postal	official postcode column

Value

an augmented data frame of class tbl with latitude, longitude, etc

Examples

```
## Not run:
table_test <- tibble::tibble(
x = c("39 quai Andre Citroen", "64 Allee de Bercy", "20 avenue de Segur"),
y = c("75015", "75012", "75007"),
z = rnorm(3)
)

geocode_tbl(tbl = table_test, adresse = x)
geocode_tbl(tbl = table_test, adresse = x, code_postal = y)
```

```
## End(Not run)
```

`get_features` *Get features*

Description

Get features

Usage

```
get_features(x)
```

Arguments

x	the content of a request

Value

a tibble

`get_geometry` *Get geometry*

Description

Get geometry

Usage

```
get_geometry(x)
```

Arguments

x	a feature

Value

a tibble

paris2012 *Addresses in the electoral register of Paris, 2012.*

Description

This dataset includes addresses found in the Parisian electoral register in 2012.

Usage

```
paris2012
```

Format

a tbl_df with 72107 lines and 7 variables

arrondissement code of the arrondissement (district)

bureau code of the polling station, in the arrondissement

numero street number

voie type of street

nom name of the street

nb number of voters registered at this adress

ID polling station ID

Source

data have been collected by Baptiste Coulmont

reverse_geocode *Reverse geocode*

Description

Reverse geocode

Usage

```
reverse_geocode(long, lat)
```

Arguments

long	longitude
lat	latitude

Value

a tibble

Examples

```
## Not run:
reverse_geocode(long = 2.37, lat = 48.357)

## End(Not run)
```

`reverse_geocode_tbl` *Reverse geocode tbl*

Description

reverse geocode a data frame

Usage

```
reverse_geocode_tbl(tbl, longitude, latitude)
```

Arguments

`tbl`	name of the tibble
`longitude`	name of the longitude column
`latitude`	name of the latitude column

Value

an augmented tibble with addresses

Examples

```
## Not run:
table_reverse <- tibble::tibble(
x = c(2.279092, 2.375933,2.308332),
y = c(48.84683, 48.84255, 48.85032),
z = rnorm(3)
)

reverse_geocode_tbl(tbl = table_reverse, longitude = x, latitude = y)

## End(Not run)
```

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