

Package: OfflineGeocodeR (via r-universe)

August 28, 2024

Title Geocoding Inside R Based on a Dockerized Offline TIGER/Line
Range Geocoder

Version 0.2

Description Uses a local Docker installation to pull and run an
offline geocoding container in the background. The `geocode()`
function calls the container and aggregates the results,
optionally using a cache for memoization.

Depends R (>= 3.3.2)

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Encoding UTF-8

LazyData true

RoxygenNote 7.1.1

Imports jsonlite (>= 1.7.2), mapp (>= 0.2.1)

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

Repository <https://geomarker-io.r-universe.dev>

RemoteUrl <https://github.com/geomarker-io/OfflineGeocodeR>

RemoteRef HEAD

RemoteSha a8681f106fa6498cd3c4821817451fd5a159e6e1

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find_docker_cmd	<i>find the docker executable</i>
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Description

find the docker executable

Usage

find_docker_cmd()

gc_call	<i>call a running geocoding container to geocode an address</i>
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Description

This is used internally by geocode() and normally should not be called directly.

Usage

gc_call(address)

Arguments

address a string; see vignette for best practices and examples

geocode	<i>geocode</i>
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Description

To prevent errors and optimize accuracy, please remove non alphanumeric characters from address strings prior to geocoding. In general, address cleaning is outside the scope of this package and should be completed prior to geocoding.

Usage

geocode(addresses, ...)

Arguments

addresses a list or vector addresses
... additional arguments passed to CB::mapp; set options for cache here

Details

By default, geocoding results will be cached in a local folder named `geocoding_cache`. See help for `CB::mapp` to change these defaults.

Value

list of geocoding results with one address per element; some addresses may return more than one geocoding result if there is a tie among the best matches

`start_geocoder_container`
start geocoding container

Description

start geocoding container

Usage

```
start_geocoder_container(image_name = "degauss/geocoder")
```

Arguments

`image_name` name of geocoding image; can be used to specify the version i.e. `degauss/geocoder_slim:2.4`; defaults to `degauss/geocoder_slim:latest`

`stop_geocoder_container`
stop geocoding container

Description

stop geocoding container

Usage

```
stop_geocoder_container()
```

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