Package 'pbr'

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Type Package

Title Find a Cold One Near You

Version 0.0.2

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Description In short, this package is a locator for cool, refreshing beverages. It will find and return the nearest location where you can get a cold one.

Depends R (>= 4.2.0)

Imports httr (>= 1.4.2), jsonlite (>= 1.8.0), leaflet (>= 2.1.1), htmltools (>= 0.5.2)

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Contents

format_leaflet_labels 2
format_pbr_url 2
ip_zip 3
location_query 3
milwaukee 4
pbr_me 4
pbr_query 5

Index **6**

format_leaflet_labels *Format outlet name and address for use as a leaflet label*

Description

Takes name and address and formats it into an HTML label. This is a shortcut helper function that is used in pbr_me

Usage

```
format_leaflet_labels(name, address, city, state, zip)
```

Arguments

name	Character. Name of the business
address	Character. Address of the business
city	Character. City name
state	Character. State name
zip	Character or numeric. Zip code

Value

An HTML label

format_pbr_url *Formats url based on the location provided*

Description

This function simply readies the url for use in a GET request

Usage

```
format_pbr_url(location, dist = 100, lim = 50, brand_id = 333)
```

Arguments

location	Zip code or (portion of) city name
dist	Numeric. The distance in miles to search from the location
lim	Numeric. The number of results to be returned
brand_id	Numeric. The brand ID to be returned

Value

A url to be passed to pbr_query

ip_zip *Functions to retrieve IP address and ZIP code from IP*

Description

These are just helper shortcut functions. `get_ip_address` retrieves a computer's IP address from https://ipinfo.io/what-is-my-ip. This is easier than getting the IP right off local computer because of bogon IP addresses. `get_zip` pulls ZIP code location from https://ipapi.co/

Usage

```
get_ip_address()

get_zip()
```

Value

Either the IP address that a web browser sees (`get_ip_address`), or a zip code (`get_zip`)

location_query *Query information about a location*

Description

This function is used to find the information needed for an entire GET request url based on just the zip code or city name (or regex)

Usage

```
location_query(location)
```

Arguments

`location`	Zip code or (portion of) city name

Value

A data.frame with city name, zip code, lat, and long

milwaukee *Retailers in and around Milwaukee, WI*

Description

A dataset containing the names and locations for the 50 closest retailers closest to ZIP code 53210.

Usage

```
milwaukee
```

Format

A data.frame with 50 rows and 12 columns

Source

milwaukee <- pbr_me(53210, map = FALSE)

pbr_me *Retrieve and print interactive map of closest locations*

Description

These functions will retrieve and display the locations of the closest outlets for a cold one. `pbr_me` requires a location to be input. This is handy for when you're going somewhere and want to scout out the available outlets that sell what you're looking for. `pbr_me_asap` is for when you just need a one now and don't have time to enter your zip code.

Usage

```
pbr_me(location, map = TRUE, ...)

pbr_me_asap()
```

Arguments

`location`	A zip code, city name, or regular expression of such
`map`	Logical. Output a leaflet map (TRUE, default) or not (FALSE)
`...`	Additional arguments passed on to `format_pbr_url`

Details

`pbr_me` will display a `leaflet` map of the closest retailer locations. If `map = FALSE` it will return a data.frame of the locations. `pbr_me_asap` displays a leaflet map of retailer locations within your current proximity for those moments when you just need a cold one now

Value

A leaflet map displaying closest retailer locations, or (optionally) a data.frame of retailer locations

Examples

```
## Not run:

pbr_me(54481)
pbr_me_asap() # for when you just don't have time to enter your zip code

## End(Not run)
```

`pbr_query` *Query for locations that sell cold ones*

Description

Query for locations that sell cold ones

Usage

```
pbr_query(location, ...)
```

Arguments

`location`	Zip code or (portion of) city name
`...`	Additional arguments to be passed to `format_pbr_url`

Value

A data.frame of retailers

Index

∗ **datasets**
milwaukee, 4

format_leaflet_labels, 2
format_pbr_url, 2, *4*, *5*

get_ip_address *(*ip_zip*)*, 3
get_zip *(*ip_zip*)*, 3

ip_zip, 3

leaflet, *4*
location_query, 3

milwaukee, 4

pbr_me, *2*, 4
pbr_me_asap *(*pbr_me*)*, 4
pbr_query, *2*, 5