Package ‘refuge’

December 3, 2018

Version 0.3.2

Title Locate Trans and Intersex-Friendly Toilets

Description Access the 'Refuge' API, a web-application for locating trans and intersex-friendly restrooms, including unisex and accessible restrooms. Includes data on the location of restrooms, along with directions, comments, user ratings and amenities. Coverage is global, but data is most comprehensive in the United States. See <https://www.refugerestrooms.org/api/docs/> for full API documentation.

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Encoding UTF-8

LazyData true

ByteCompile true

Imports jsonlite, tibble, dplyr, httr

RoxygenNote 6.1.1

URL https://docs.evanodell.com/refuge

BugReports https://github.com/evanodell/refuge/issues

Suggests covr, testthat, knitr, rmarkdown, ggplot2, magrittr, viridis, scales, usmap, stringr

VignetteBuilder knitr

NeedsCompilation no

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rfg_all_restrooms

Description

All listed refuge restrooms, ordered by date added or last updated, with the most recent additions and updates at the top.

Usage

```r
rfg_all_restrooms(accessible = FALSE, unisex = FALSE, verbose = TRUE, tidy = FALSE)
```

Arguments

- `accessible`: If `TRUE`, only returns restrooms that meet the Americans with Disability Act standards for accessibility. Defaults to `FALSE`.
- `unisex`: If `TRUE`, only returns unisex restrooms. Defaults to `FALSE`.
- `verbose`: If `TRUE`, prints query progress. Defaults to `TRUE`.
- `tidy`: If `TRUE`, makes USA state names more consistent. The internal function focuses on correcting known errors and mistakes, if incorrect state data is supplied that cannot be corrected. Defaults to `FALSE`.

Details

Note that the API does not standardise or validate the names of states, cities, countries, etc, and so this data may need to be cleaned and organised.

Value

A tibble with details on all listed bathrooms.

Examples

```r
a <- rfg_all_restrooms(accessible = TRUE, unisex = TRUE)
```
### Description

Requests all records on bathrooms created or updated on or after a given date.

### Usage

```r
rfg_date(date = NULL, accessible = FALSE, unisex = FALSE,
          updated = FALSE, verbose = TRUE, tidy = FALSE)
```

### Arguments

- **date**: A date in "yyyy-mm-dd" format, or any format that can be coerced to a date with `as.Date()`.
- **accessible**: If TRUE, only returns restrooms that meet the Americans with Disability Act standards for accessibility. Defaults to FALSE.
- **unisex**: If TRUE, only returns unisex restrooms. Defaults to FALSE.
- **updated**: If TRUE, returns all bathrooms updated or added since the given date. Defaults to FALSE, which only returns bathrooms added since the given date.
- **verbose**: If TRUE, prints query progress. Defaults to TRUE.
- **tidy**: If TRUE, makes USA state names more consistent. The internal function focuses on correcting known errors and mistakes, if incorrect state data is supplied that cannot be corrected. Defaults to FALSE.

### Value

A tibble with all bathrooms recorded or updated on or after the given date.

### Examples

```r
q <- rfg_date("2017-11-04")
```
rfg_location  Bathroom locations

Description

Given a pair of coordinates (latitude and longitude), finds any nearby bathrooms, subject to other parameters.

Usage

rfg_location(lat, lng, accessible = FALSE, unisex = FALSE, verbose = TRUE, tidy = FALSE)

Arguments

lat  Location latitude
lng  Location longitude
accessible  If TRUE, only returns restrooms that meet the Americans with Disability Act standards for accessibility. Defaults to FALSE.
unisex  If TRUE, only returns unisex restrooms. Defaults to FALSE.
verbose  If TRUE, prints query progress. Defaults to TRUE.
tidy  If TRUE, makes USA state names more consistent. The internal function focuses on correcting known errors and mistakes, if incorrect state data is supplied that cannot be corrected. Defaults to FALSE.

Value

A tibble with details of any and all nearby refuge bathrooms.

Examples

c <- rfg_location(lat = 39, lng = -75)
**Description**

Restroom record search

**Usage**

```r
rfg_search(search, accessible = FALSE, unisex = FALSE, verbose = TRUE, tidy = FALSE)
```

**Arguments**

- **search**: A string to search for. Note that the API does not accept wildcard searches, searches all fields in all available records, and only returns exact (case-insensitive) whole-word matches.
- **accessible**: If TRUE, only returns restrooms that meet the Americans with Disability Act standards for accessibility. Defaults to FALSE.
- **unisex**: If TRUE, only returns unisex restrooms. Defaults to FALSE.
- **verbose**: If TRUE, prints query progress. Defaults to TRUE.
- **tidy**: If TRUE, makes USA state names more consistent. The internal function focuses on correcting known errors and mistakes, if incorrect state data is supplied that cannot be corrected. Defaults to FALSE.

**Value**

A tibble with all bathrooms matching your search request

**Examples**

```r
s <- rfg_search(search = "toronto")
```
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