

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.

License MIT + file LICENSE

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, stringi

VignetteBuilder knitr

NeedsCompilation no

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Repository CRAN

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rfg_all_restrooms	<i>All refuge restrooms</i>
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Description

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

Usage

```
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

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

rfg_date	<i>Bathrooms by dates</i>
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Description

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

Usage

```
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 <code>as.Date()</code> .
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 <i>or</i> 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

```
q <- rfg_date("2017-11-04")
```

rfg_location	<i>Bathroom locations</i>
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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)
```

rfg_search	<i>Restroom record search</i>
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Description

Restroom record search

Usage

```
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

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

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