

Package: streetmixr (via r-universe)

November 3, 2024

Type Package

Title Access the Streetmix API

Version 0.1.0

Description Support access to the Streetmix API and share data on Streetmix illustrations and components for analysis or reuse (consistent with license requirements).

License GPL (>= 3)

URL <https://github.com/elipousson/streetmixr>,
<https://elipousson.github.io/streetmixr/>

BugReports <https://github.com/elipousson/streetmixr/issues>

Depends R (>= 2.10)

Imports htr2, magrittr, rlang

Suggests ggsvg (>= 0.1.12), testthat (>= 3.0.0)

Config/testthat/edition 3

Encoding UTF-8

LazyData true

Roxygen list(markdown = TRUE)

RoxygenNote 7.2.3

Remotes coolbutuseless/ggsvg

Repository <https://elipousson.r-universe.dev>

RemoteUrl <https://github.com/elipousson/streetmixr>

RemoteRef HEAD

RemoteSha 81aa83ccd4719ba32fe21117cedf051fca9e3ed5

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components	<i>Streetmix components</i>
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Description

Last updated: 2024-01-08

Usage

components

Format

A length 5 nested list with specifications for lanes, markings, objects, and vehicles.

Source

<https://raw.githubusercontent.com/streetmix/streetmix/main/assets/scripts/segments/components.json>

get_street	<i>Get data on a Streetmix street</i>
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Description

Get data on a Streetmix street

Usage

```
get_street(
  url = NULL,
  user_id = NULL,
  street_id = NULL,
  count = NULL,
  return = "data"
)
```

Arguments

url	Streetmix url to get data on
user_id	Streetmix user account ID
street_id	Streetmix street ID
count	Count of streets to return
return	Type of data to return based on url: "data", "street", "location", or "segments". If NULL, return full response.

`illustrations`*Streetmix CC-BY-SA illustrations*

Description

Last updated: 2024-01-08

Data frame with links to SVG files with StreetMix illustrations <https://github.com/streetmix/illustrations>

Illustrations available under an attribution-share alike license <https://github.com/streetmix/illustrations/blob/main/LICENSE>

For design guidelines and colors see the illustration guide <https://docs.streetmix.net/contributing/illustrations/design-principles>

Usage

```
illustrations
```

Format

A data frame with 273 rows and 8 variables:

repo repository

name illustration name

url SVG file url

category category/folder

side facing side (left or right)

direction direction of movement (inbound or outbound)

orientation orientation (parallel, perpendicular, sideways, or angled)

width_type building width type (narrow or wide)

Source

<https://github.com/streetmix/illustrations>

people

Streetmix CC-BY-SA illustrations of people

Description

Last updated: 2024-01-08

Usage

people

Format

A data frame with 36 rows and 5 variables:

id image id

width image width

name image name

disallowFirst logical

weight integer

Source

<https://raw.githubusercontent.com/streetmix/streetmix/main/assets/scripts/segments/people.json>

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