

Package: kyotocities (via r-universe)

October 31, 2024

Title Kyoto Prefecture Administrative District Data

Version 0.1.2

Description This package provides administrative district data of Kyoto Prefecture, Japan.

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Imports cli, curl, dplyr, rlang, sf, stringr, tibble, utils

Depends R (>= 4.1.0)

LazyData true

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

RemoteUrl <https://github.com/NONONOexe/kyotocities>

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`download_kyoto_district_data`*Download the Kyoto Prefecture administrative district data*

Description

Download the Kyoto Prefecture administrative district data provided by the Ministry of Land, Infrastructure, Transport and Tourism.

Usage

```
download_kyoto_district_data(download_dir = getwd())
```

Arguments

`download_dir` A directory where downloaded file is to saved.

Value

Path of the downloaded file (invisibly).

Examples

```
## Not run:  
download_kyoto_district_data("download-dir-path")  
  
## End(Not run)
```

`find_districts`*Find district by city name*

Description

The function returns the districts of the specified city name. The search is performed with partial matches.

Usage

```
find_districts(city_name)
```

Arguments

`city_name` Part of the city name

Value

districts of the specified city name

Examples

```
## Not run:  
fukuchiyama_districts <- find_districts("Fukuchiyama-shi")  
  
## End(Not run)
```

find_fire_stations *Find fire stations by city name*

Description

The function returns the fire station data of the specified city name. The search is performed with partial matches.

Usage

```
find_fire_stations(city_name)
```

Arguments

city_name Part of the city name

Value

fire station data of the specified city name

Examples

```
## Not run:  
fukuchiyama_fire_stations <- find_fire_stations("Fukuchiyama-shi")  
  
## End(Not run)
```

kyoto_districts *Kyoto prefecture administrative district data*

Description

Information on administrative areas such as cities and wards in Kyoto Prefecture.

Usage

```
kyoto_districts
```

Format

Each is a tibble with 36 rows 5 variables:

city City names

city_code City codes

city_kanji City names in japanese

area Area of the city (m²)

geom Geometry data (polygon or multi-polygon type) of boundaries

Examples

kyoto_districts

kyoto_fire_stations *Kyoto Fire Station Data*

Description

Location of fire station in Kyoto Prefecture. The data is generated from OpenStreetMap.

Usage

kyoto_fire_stations

Format

Each is a tibble with 122 rows 2 variables:

name Fire station name

geom Fire station point

Examples

kyoto_fire_stations

`read_kyoto_district_data`*Read the Kyoto Prefecture administrative district data*

Description

Read the Kyoto Prefecture administrative district data.

Usage

```
read_kyoto_district_data(file)
```

Arguments

`file` A file path of data to read.

Format

Each is a tibble with 69 rows 6 variables:

city City names

city_code City codes

city_kanji City names in japanese

geom Geometry data (polygon or multi-polygon type) of boundaries

Value

Information on administrative areas such as cities and wards in Kyoto Prefecture.

Examples

```
## Not run:  
kyoto_districts <- read_kyoto_district_data("N03-20230101_26_GML.zip")  
  
## End(Not run)
```

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