

Package: aichicities (via r-universe)

September 1, 2024

Title Aichi Prefecture administrative district data

Version 0.1.0

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

Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.2.3

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/aichicities>

RemoteRef HEAD

RemoteSha 5bb985d239ea4c67754dd8e949c41d1408f809e3

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aichi_districts	<i>Aichi prefecture administrative district data</i>
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Description

Information on administrative areas such as cities and wards in Aichi prefecture.

Usage

```
aichi_districts
```

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

Examples

```
aichi_districts
```

download_aichi_district_data	<i>Download the Aichi Prefecture administrative district data</i>
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Description

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

Usage

```
download_aichi_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_aichi_district_data("download-dir-path")  
  
## End(Not run)
```

find_districts	<i>Find district by city name</i>
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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:  
toyota_districts <- find_districts("Toyota-shi")  
  
## End(Not run)
```

read_aichi_district_data	<i>Read the Aichi Prefecture administrative district data</i>
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Description

Read the Aichi Prefecture administrative district data.

Usage

```
read_aichi_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 Aichi prefecture.

Examples

```
## Not run:  
aichi_districts <- read_aichi_district_data("N03-20210101_23_GML.zip")  
  
## End(Not run)
```

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