Package: jisx0402 (via r-universe)

July 2, 2024

Title Datasets Related to 'JIS X 0402:2020'

Version 0.1.1

Description Provides datasets for handling Japanese municipality code defined in 'JIS X 0402' and 'JIS X 0401'.

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BugReports https://github.com/paithiov909/jisx0402/issues

Depends R (>= 2.10)

Imports rlang, stringi, tibble

Suggests roxygen2, sf

Encoding UTF-8

LazyData true

LazyDataCompression xz

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.1

Repository https://paithiov909.r-universe.dev

RemoteUrl https://github.com/paithiov909/jisx0402

RemoteRef HEAD

RemoteSha eda3fd2f07ca918862661032297b414c4d1be9db

Contents

check_digit *Calc check digits of municipality codes*

Description

Calc check digits of municipality codes

Usage

```
check_digit(code)
```

Arguments

code	A character vector; municipality codes.

Value

A character vector.

jpaddresses *Japanese addresses and their coordinates*

Description

Modified from the 'latest.csv' file in japanese-addresses. The original dataset is licensed under CC BY 4.0.

Usage

```
jpaddresses
```

Format

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 277656 rows and 6 columns.

Source

https://github.com/geolonia/japanese-addresses/raw/develop/data/latest.csv

jpprefs *Prefecture codes of Japan*

Description

Prefecture codes of Japan

Usage

```
jpprefs
```

Format

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 47 rows and 2 columns.

jptopography *Topographic data of Japanese municipalities*

Description

Reads 'FlatGeobuf' file and returns topographic data as an `sf` object.

Usage

```
jptopography(
  type = c("all", "designated", "prefecture"),
  resolution = c("low", "high")
)
```

Arguments

`type`	String; One of `all`, `desiginated`, or `prefecture`.
`resolution`	String; One of `low` or `high`. If `high`, returns the 1% dissolved data ('s0010'). Otherwise, returns the 0.1% dissolved data ('s0001').

Details

This package contains several 'FlatGeobuf' files converted from the 'GeoJSON' files of smartnews-smri/japan-topography. The original 'GeoJSON' files are sourced from MLIT of Japan site. Therefore, to use these dataset, you must agree to their term of use.

Value

An `sf` object from the 'sf' package.

`municipality` *Municipality codes of Japan*

Description

A list of Japanese municipalities and their codes, as known as the 'Zenkoku Chiho-kokyo-dantai Code'. You can use a concatnated string like: `paste0(pref_code, city_code)` as an actual municipality code.

Usage

```
municipality
```

Format

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 4542 rows and 6 columns.

Details

The 'Zenkoku Chiho-kokyo-dantai Code' is a combination of a prefecture code defined in 'JIS X 0401' and a municipality code (city, ward, town or village code) defined in 'JIS X 0402'.

These codes consists of 5 to 6 digits. The 6th digit is optional; that is a check digit. Of the remaining numbers, the first 2 digits are the prefecture code and the last 3 digits are the municipality code.

'000' as a municipality code means prefecture itself. For example, '010006' is a hybrid of '01' ('pref_code' of Hokkaido), '000', and its check digit '6'.

See Also

https://www.soumu.go.jp/denshijiti/code.html

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