

Package ‘kokodosuuchi’

May 8, 2026

Type Package

Title Utilities for 'Kokudo Suuchi'

Version 1.0.0

Description Provides utilities for 'Kokudo Suuchi', the GIS data service of the Japanese government.
See <<https://nlftp.mlit.go.jp/index.html>> for more information.

URL <https://yutannahilation.github.io/kokodosuuchi/>,
<https://github.com/yutannahilation/kokodosuuchi>

BugReports <https://github.com/yutannahilation/kokodosuuchi/issues>

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Depends R (>= 2.10)

Imports glue, rlang, sf, stringr, tibble

Suggests testthat

LazyData TRUE

RoxygenNote 7.1.1

Encoding UTF-8

Config/testthat/edition 3

NeedsCompilation no

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Contents

kokodosuuchi	2
readKSJData	2
translateKSJData	3

Index	4
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 kokodosuuchi

Utilities for 'Kokudo Suuchi'

Description

Provides utilities for 'Kokudo Suuchi', the GIS data service of the Japanese government. See <<https://nlftp.mlit.go.jp/index.html>> for more information.

Author(s)

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See Also

http://nlftp.mlit.go.jp/ksj/api/about_api.html

readKSJData

Read JPGIS2.1 Data

Description

readKSJData() is an utility to read data downloaded from 'Kokudo Suuchi' service.

Usage

```
readKSJData(x, encoding = "CP932")
```

Arguments

x	A path to a ZIP file or to a directory that contains the extracted files.
encoding	Encoding of the data.

Examples

```
## Not run:
# Download a ZIP file from kokodosuuchi website
zip_file <- tempfile(fileext = ".zip")
url <- "https://nlftp.mlit.go.jp/ksj/gml/data/W07/W07-09/W07-09_3641-jgd_GML.zip"
download.file(url, zip_file)

# Load all data as sf objects
d <- readKSJData(zip_file)

# Translate colnames and 'codelist' type columns
translateKSJData(d)

## End(Not run)
```

translateKSJData	<i>Translate JPGIS2.1 Data</i>
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Description

translateKSJData() translates colnames and 'codelist'-type of columns to human-readable labels.

Usage

```
translateKSJData(  
  x,  
  id = NULL,  
  variant = NULL,  
  quiet = TRUE,  
  translate_colnames = TRUE,  
  translate_codelist = TRUE  
)
```

Arguments

x	A list of sf objects.
id	An ID of the dataset (e.g. A03). This can be NULL if x is loaded by readKSJData() .
variant	A type of variant in case the translation cannot be determined only by id.
quiet	If TRUE, suppress messages.
translate_colnames	If TRUE, translate colnames to human-readable labels.
translate_codelist	If TRUE, translate codes to human-readable labels.

Index

`kokodosuuchi`, [2](#)
`kokodosuuchi-package (kokodosuuchi)`, [2](#)

`readKSJData`, [2](#)
`readKSJData()`, [3](#)

`sf`, [3](#)

`translateKSJData`, [3](#)