

Package: kuniumi (via r-universe)

September 2, 2024

Title Load and Handles Geo-Spatial Data on Japan's National Land

Version 0.0.0.9000

Description Reads datasets provided by National Land Numerical Information download service
<<https://nlftp.mlit.go.jp/ksj/index.html>> and treats them as 'sf' of a R spatial objects.

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Depends R (>= 4.1)

Imports cli (>= 2.0.2), data.table (>= 1.12.8), dplyr (>= 0.8.5), glue (>= 1.3.2), httr (>= 1.4.1), jpmesh (>= 1.2.0), kokudosuuchi (>= 0.4.2), lubridate (>= 1.7.4), magrittr (>= 1.5), purrr (>= 0.3.3), rlang (>= 0.4.5), sf (>= 0.8.1), stringi (>= 1.4.6), stringr (>= 1.4.0), tibble (>= 2.1.3), tidyr (>= 1.0.0), tidyselect (>= 1.0.0), units (>= 0.6.5), xml2 (>= 1.2.2), zipangu (>= 0.2.1)

Encoding UTF-8

LazyData true

RoxygenNote 7.3.1

Suggests assertr (>= 2.7), bit64 (>= 0.9.7), forcats (>= 0.5.0), janitor (>= 1.2.1), rvest (>= 0.3.5), usethis (>= 1.5.1), testthat (>= 2.1.0)

URL <https://github.com/uribo/kuniumi>

BugReports <https://github.com/uribo/kuniumi/issues>

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

RemoteUrl <https://github.com/uribo/kuniumi>

RemoteRef HEAD

RemoteSha 4d074ee83250ce7c925615bf005986be7f1690a4

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ksj_bind	<i>Bind KSJ files in directory</i>
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Description

Bind KSJ files in directory

Usage

```
ksj_bind(dir, identifier, regexp = NULL, translate = NULL)
```

Arguments

dir	path
identifier	Data identifier. (e.g. "N02")
regexp	A regular expression passed on target directory.
translate	Path to parser function. "raw", "jp" or "en".

read_isj	<i>Read ISJ format data</i>
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Description

Read ISJ format data

Usage

```
read_isj(  
  path = NULL,  
  .area_code = NULL,  
  .fiscal_year = NULL,  
  .pos_level = NULL,  
  .download = FALSE,  
  return_class = NULL  
)
```

Arguments

path	Input file path ('csv')
.area_code	Area code. 5 digits numeric character. E.g. Chiba prefecture ("12000"), Ichikawa city in Chiba ("12033")
.fiscal_year	Japanese imperial fiscal year as Kanji.
.pos_level	E.g. 0 is to street level 3. 1 is to street level 1.
.download	If 'TRUE', download file to working directory.
return_class	Select "tbl_df" (data.frame) or "data.table"

See Also

https://nlftp.mlit.go.jp/isj/about_api.html

read_ksj_a10	<i>Kokudosuuchi A10 parser</i>
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Description

If there is no local file, specify the year and pref_code to download.

Usage

```
read_ksj_a10(path = NULL, .pref_code = NULL, .year = NULL, .download = FALSE)
```

Arguments

path	Input file path (‘.shp’ or ‘.geojson’)
.pref_code	Specific prefecture code
.year	Specific year
.download	If ‘true’, the specified file is downloaded to the current working directory.

read_ksj_a16

Kokudosuuchi A10 parser

Description

If there is no local file, specify the year and pref_code to download.

Usage

```
read_ksj_a16(
  path = NULL,
  translate = "jp",
  .pref_code = NULL,
  .year = NULL,
  .download = TRUE
)
```

Arguments

path	Input file path (‘.shp’ or ‘.geojson’)
translate	Translate the variable name into the specified language. You can choose either Original (‘raw’) and Japanese (‘jp’) or English (‘en’).
.pref_code	Specific prefecture code
.year	Specific year
.download	If ‘true’, the specified file is downloaded to the current working directory.

read_ksj_a30a5

Kokudosuuchi A30a5 parser

Description

If there is no local file, specify the meshcode to download.

Usage

```
read_ksj_a30a5(path = NULL, .meshcode = NULL, .download = FALSE)
```

Arguments

path	Input file path (‘.shp‘ or ‘.geojson‘)
.meshcode	Specific 80km meshcode
.download	If ‘true‘, the specified file is downloaded to the current working directory.

read_ksj_c02 *Kokodosuuchi C02 parser*

Description

If there is no local file, specify the year to download.

Usage

```
read_ksj_c02(path = NULL, translate = "jp", .year = NULL, .download = FALSE)
```

Arguments

path	Input file path (‘.shp‘ or ‘.geojson‘)
translate	Translate the variable name into the specified language. You can choose either Original (‘raw‘) and Japanese (‘jp‘) or English (‘en‘).
.year	Specific year
.download	If ‘true‘, the specified file is downloaded to the current working directory.

read_ksj_c23 *Kokodosuuchi C23 parser*

Description

If there is no local file, specify prefecture code to download.

Usage

```
read_ksj_c23(path = NULL, .pref_code = NULL, .download = FALSE)
```

Arguments

path	Input file path (‘.shp‘ or ‘.geojson‘)
.pref_code	Specific prefecture code
.download	If ‘true‘, the specified file is downloaded to the current working directory.

read_ksj_101	<i>Kokodosuuchi L01 parser (v2.5 and v2.4)</i>
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Description

If there is no local file, specify the year and pref_code to download.

Usage

```
read_ksj_101(path = NULL, .year = NULL, .pref_code = NULL, .download = FALSE)
```

Arguments

path	Input file path (‘.shp’ or ‘.geojson’)
.year	Specific year
.pref_code	Specific prefecture code
.download	If ‘true’, the specified file is downloaded to the current working directory.

read_ksj_102	<i>Kokodosuuchi L02 parser (v2.7)</i>
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Description

If there is no local file, specify the year and pref_code to download.

Usage

```
read_ksj_102(path = NULL, .year = NULL, .pref_code = NULL, .download = FALSE)
```

Arguments

path	Input file path (‘.shp’ or ‘.geojson’)
.year	Specific year
.pref_code	Specific prefecture code
.download	If ‘true’, the specified file is downloaded to the current working directory.

read_ksj_l03a	<i>Kokodosuuchi L03a parser</i>
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Description

If there is no local file, specify year and meshcode to download.

Usage

```
read_ksj_l03a(path = NULL, .year = NULL, .meshcode = NULL, .download = FALSE)
```

Arguments

path	Input file path (‘.shp’ or ‘.geojson’)
.year	Specific year
.meshcode	Specific 80km meshcode
.download	If ‘true’, the specified file is downloaded to the current working directory.

read_ksj_l03b	<i>Kokodosuuchi L03-b parser</i>
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Description

If there is no local file, specify the meshcode to download.

Usage

```
read_ksj_l03b(
  path = NULL,
  translate = "jp",
  .year,
  .meshcode,
  .datum,
  .download = FALSE
)
```

Arguments

path	Input file path (‘.shp’ or ‘.geojson’)
translate	Translate the variable name into the specified language. You can choose either Original (‘raw’) and Japanese (‘jp’) or English (‘en’).
.year	Specific year
.meshcode	Specific 80km meshcode
.datum	"jgd" or "tky"
.download	If ‘true’, the specified file is downloaded to the current working directory.

read_ksj_l03bu *Kokodosuuchi L03-b-u parser*

Description

If there is no local file, specify the meshcode to download.

Usage

```
read_ksj_l03bu(
  path = NULL,
  translate = "jp",
  .year = NULL,
  .meshcode = NULL,
  .datum = NULL,
  .download = FALSE
)
```

Arguments

path	Input file path ('.shp' or '.geojson')
translate	Translate the variable name into the specified language. You can choose either Original ('raw') and Japanese ('jp') or English ('en').
.year	Specific year
.meshcode	Specific 80km meshcode
.datum	"jgd" or "tky"
.download	If 'true', the specified file is downloaded to the current working directory.

read_ksj_n02 *Kokodosuuchi N02 parser*

Description

If there is no local file, specify the year to download.

Usage

```
read_ksj_n02(
  path = NULL,
  .year = NULL,
  .download = FALSE,
  .type = c("railroadsection", "station")
)
```


Arguments

path	Input file path (‘.shp‘ or ‘.geojson‘)
.year	Specific year
.download	If ‘true‘, the specified file is downloaded to the current working directory.
.type	The type of file. "Railway section (railroadsection)" (default) or "station"

read_ksj_n03	<i>Kokodosuuchi N03 parser</i>
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Description

If there is no local file, specify the year and pref_code to download.

Usage

```
read_ksj_n03(path = NULL, .year = NULL, .pref_code = NULL, .download = FALSE)
```

Arguments

path	Input file path (‘.shp‘ or ‘.geojson‘)
.year	Specific year
.pref_code	Specific prefecture code
.download	If ‘true‘, the specified file is downloaded to the current working directory.

read_ksj_n05	<i>Kokodosuuchi N05 parser</i>
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Description

If there is no local file, specify the year and pref_code to download.

Usage

```
read_ksj_n05(
  path = NULL,
  .year = NULL,
  .download = FALSE,
  .type = c("railroadSection", "station")
)
```

Arguments

path	Input file path (‘.shp‘ or ‘.geojson‘)
.year	Specific year
.download	If ‘true‘, the specified file is downloaded to the current working directory.
.type	File type. Select either "railroadSection" or "station"

 read_ksj_p07

Kokodosuuchi P07 parser

Description

If there is no local file, specify the year and pref_code to download.

Usage

```
read_ksj_p07(path = NULL, .year = NULL, .pref_code = NULL, .download = FALSE)
```

Arguments

path	Input file path ('.shp' or '.geojson')
.year	Specific year
.pref_code	Specific prefecture code
.download	If 'true', the specified file is downloaded to the current working directory.

 read_ksj_p09

Kokodosuuchi P09 parser

Description

Kokodosuuchi P09 parser

Usage

```
read_ksj_p09(path, translate = "jp", .meshcode = NULL, .download = FALSE)
```

Arguments

path	Input file path ('.shp' or '.geojson')
translate	Translate the variable name into the specified language. You can choose either Original ('raw') and Japanese ('jp') or English ('en').
.meshcode	Specific 80km meshcode
.download	If 'true', the specified file is downloaded to the current working directory.

read_ksj_p12	<i>Kokodosuuchi P12 parser</i>
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Description

If there is no local file, specify prefecture code to download.

Usage

```
read_ksj_p12(
  path = NULL,
  translate = "jp",
  .pref_code = NULL,
  .download = FALSE,
  .type
)
```

Arguments

path	Input file path ('.shp' or '.geojson')
translate	Translate the variable name into the specified language. You can choose either Original ('raw') and Japanese ('jp') or English ('en').
.pref_code	Specific prefecture code
.download	If 'true', the specified file is downloaded to the current working directory.
.type	File type. When downloading a file, select the type of data to use, either "point", "line" or "polygon".

read_ksj_p13	<i>Kokodosuuchi P13 parser</i>
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Description

If there is no local file, specify the year and pref_code to download.

Usage

```
read_ksj_p13(path = NULL, .pref_code = NULL, .download = FALSE)
```

Arguments

path	Input file path ('.shp' or '.geojson')
.pref_code	Specific prefecture code
.download	If 'true', the specified file is downloaded to the current working directory.

read_ksj_p19	<i>Kokodosuuchi P19 parser</i>
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Description

If there is no local file, specify prefecture code to download.

Usage

```
read_ksj_p19(path = NULL, .pref_code = NULL, .download = FALSE)
```

Arguments

path	Input file path (‘.shp’ or ‘.geojson’)
.pref_code	Specific prefecture code
.download	If ‘true’, the specified file is downloaded to the current working directory.

read_ksj_p23	<i>Kokodosuuchi P23 parser</i>
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Description

If there is no local file, specify prefecture code to download.

Usage

```
read_ksj_p23(
  path = NULL,
  translate = "jp",
  .pref_code = NULL,
  .download = FALSE,
  .type
)
```

Arguments

path	Input file path (‘.shp’ or ‘.geojson’)
translate	Translate the variable name into the specified language. You can choose either Original (‘raw’) and Japanese (‘jp’) or English (‘en’).
.pref_code	Specific prefecture code
.download	If ‘true’, the specified file is downloaded to the current working directory.
.type	File type. When downloading a file, select the type of data to use, either "point" or "line".

read_ksj_p34	<i>Kokodosuuchi P34 parser</i>
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Description

If there is no local file, specify the year and pref_code to download.

Usage

```
read_ksj_p34(path = NULL, .pref_code = NULL, .download = FALSE)
```

Arguments

path	Input file path (‘.shp’ or ‘.geojson’)
.pref_code	Specific prefecture code
.download	If ‘true’, the specified file is downloaded to the current working directory.

read_ksj_w05	<i>Kokodosuuchi W05 parser</i>
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Description

If there is no local file, specify the prefecture to download.

Usage

```
read_ksj_w05(
  path = NULL,
  .pref_code = NULL,
  .download = FALSE,
  .type = c("stream", "node")
)
```

Arguments

path	Input file path (‘.shp’ or ‘.geojson’)
.pref_code	Specific prefecture code
.download	If ‘true’, the specified file is downloaded to the current working directory.
.type	File type.

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