

Package ‘Ricetl’

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Type Package

Title Data Extraction for People's Republic of China Resident Identity Card

Version 0.2.5.1

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Description People's Republic of China resident identity card contains a lot of personal information. It can extract the location of the household's residence in the identity card, the date of birth, the sex, the location of the registered police station, and can identify the authenticity of the ID card through the check code. 'Ricetl' provides graphical user interface to process the function of extracting the above effective private information in the ID card number, and provides a public data set related to the ID number.

License GPL (>= 2)

Encoding UTF-8

LazyData true

URL <https://github.com/DataXujing/Ricetl>

BugReports <https://github.com/DataXujing/Ricetl/issues>

RoxygenNote 6.0.1

Depends R (>= 3.4.0)

Imports gWidgets, utils, readr, readxl, stringr, tidyverse, writexl, devtools, plyr, gWidgetsRGtk2

Suggests rmarkdown, knitr

VignetteBuilder knitr

NeedsCompilation no

Repository CRAN

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R topics documented:

id2address	2
id2age	3
id2gender	3
id2verify	4
id_card6	5
Ricetl	5
Index	7

id2address	<i>Extraction Address</i>
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Description

Extraction of age in the resident identity cards of People's Republic of China.

Usage

```
id2address(x, fillna=NA)
```

Arguments

x	A vector containing 18 Bit ID numbers, id2age .
fillna	The filling value of the missing value,the default value is <i>NA</i> , id2age .

Author(s)

Xu Jing

Examples

```
library(Ricetl)
x <- c('654003198111200241', '341881197709275718',
       '340503199401248097', '469030199406204103', '51110019')
id2address(x)
id2address(x, fillna='Error')
```

id2age	<i>Extraction Age</i>
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Description

Extraction of age in the resident identity cards of People's Republic of China.

Usage

```
id2age(x,year=2018,fillna=NA)
```

Arguments

x	A vector containing 18 Bit ID numbers.
year	Calculate the reference time of age,the default value is 2018.
fillna	The filling value of the missing value,the default value is <i>NA</i>

Author(s)

Xu Jing

Examples

```
library(Ricet1)
x <- c('654003198111200241', '341881197709275718',
      '340503199401248097', '469030199406204103', '511100198')
id2age(x)
id2age(x,year=2018,fillna=25)
```

id2gender	<i>Extraction Gender</i>
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Description

Extraction of gender in the resident identity cards of People's Republic of China.

Usage

```
id2gender(x,fillna=NA)
```

Arguments

x	A vector containing 18 Bit ID numbers, id2age .
fillna	The filling value of the missing value,the default value is <i>NA</i> , id2age .

Value

Return 'F' means that the corresponding identity card for female citizens,'M' means male.

Author(s)

Xu Jing

Examples

```
library(Ricet1)
x <- c('654003198111200241', '341881197709275718',
       '340503199401248097', '469030199406204103', '5111001')
id2gender(x)
id2gender(x, fillna=25)
```

id2verify

To Determine Whether an ID Number is a Real ID Number

Description

To determine whether an ID number is a real ID number.

Usage

```
id2verify(x)
```

Arguments

x A vector containing 18 Bit ID numbers,[id2age](#).

Author(s)

Xu Jing

Examples

```
library(Ricet1)
x <- c('654003198111200241', '341881197709275718',
       '340503199401248097', '469030199406204103', '51110019')
id2verify(x)
```

`id_card6`*Data Set for Address Correspondence*

Description

The form of the corresponding relationship between the first six places of the ID card and the address of the household registration.

Usage

```
data(id_card6)
```

Author(s)

Xu Jing

Examples

```
library(Ricetl)
data(id_card6)
```

`Ricetl`*Data Extraction for People's Republic of China Resident Identity Card*

Description

People's Republic of China resident identity card contains a lot of personal information. It can extract the location of the household's residence in the identity card, the date of birth, the sex, the location of the registered police station, and can identify the authenticity of the ID card through the check code. Ricetl provides graphical user interface to process the function of extracting the above effective private information in the ID card number, and provides a public data set related to the ID number.

Usage

```
Ricetl()
```

Author(s)

Xu Jing

Examples

```
library(Ricetl)
library(gWidgetsRGtk2)
Ricetl()
```

Index

id2address, 2
id2age, 2, 3, 3, 4
id2gender, 3
id2verify, 4
id_card6, 5

Ricet1, 5