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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id2address

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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 NA, id2age.

Author(s)

Xu Jing

Examples

library(Ricetl)
x <- c('654003198111200241','341881197709275718','340503199401240897','469030199406204103','511100019')
id2address(x)
id2address(x,fillna='Error')
**id2age**

**Extraction Age**

Description

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

Usage

\[
id2age(x, year=R01X, fillna=NA)
\]

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 \text{NA}.

Author(s)

Xu Jing

Examples

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

---

**id2gender**

**Extraction Gender**

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, \text{id2age}.
- **fillna**: The filling value of the missing value, the default value is \text{NA}, \text{id2age}.
### id2verify

**Value**

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

**Author(s)**

Xu Jing

**Examples**

```r
library(Ricetl)
x <- c('654003198111200241', '341881197709275718',
     '34050319901248097', '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**

```r
id2verify(x)
```

**Arguments**

- `x` A vector containing 18 Bit ID numbers. 

**Author(s)**

Xu Jing

**Examples**

```r
library(Ricetl)
x <- c('654003198111200241', '341881197709275718',
     '34050319901248097', '469030199406204103', '5111001')
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**

```r
data(id_card6)
```

**Author(s)**

Xu Jing

**Examples**

```r
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**

```r
Ricetl()
```

**Author(s)**

Xu Jing
Examples

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