

Package ‘CNID’

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Type Package

Title Get Basic Information from Chinese ID Number

Version 1.3.1

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Description The Chinese ID number contains a lot of information, this package helps you get the date of birth, age, age based on year, gender, region, zodiac, constellation information from the Chinese ID number.

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URL <https://gitlab.com/chuxinyuan/cnid>

BugReports <https://gitlab.com/chuxinyuan/cnid/-/issues>

Depends R (>= 3.0.0)

RoxygenNote 7.2.3

Suggests testthat (>= 2.1.0)

Encoding UTF-8

NeedsCompilation no

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age	<i>Get age information from ID number</i>
-----	---

Description

Get age information from ID number, to the day.

Usage

```
age(id)
```

Arguments

id A vector of ID numbers.

Value

Age vector obtained from ID numbers.

Examples

```
id = c(
  "652801197305161555",
  "130206202202291545",
  "110101841125178"
)
age(id)
```

age_by_year	<i>Get age information from ID number</i>
-------------	---

Description

Get age information from ID number, only by year, not the specific date.

Usage

```
age_by_year(id)
```

Arguments

id A vector of ID numbers.

Value

Age vector obtained from ID numbers.

Examples

```
id = c(
  "652801197305161555",
  "130206202202291545",
  "110101841125178"
)
age_by_year(id)
```

birth_date	<i>Get date of birth information from ID number</i>
------------	---

Description

Get date of birth information from ID number.

Usage

```
birth_date(id)
```

Arguments

id A vector of ID numbers.

Value

Date of birth vector obtained from ID numbers.

Examples

```
id = c(
  "652801197305161555",
  "130206202202291545",
  "110101841125178"
)
birth_date(id)
```

birth_day

Get day of birth information from ID number

Description

Get day of birth information from ID number.

Usage

```
birth_day(id)
```

Arguments

id A vector of ID numbers.

Value

Day of birth vector obtained from ID numbers.

Examples

```
id = c(
  "652801197305161555",
  "130206202202291545",
  "110101841125178"
)
birth_day(id)
```

birth_month	<i>Get month of birth information from ID number</i>
-------------	--

Description

Get month of birth information from ID number.

Usage

```
birth_month(id)
```

Arguments

id A vector of ID numbers.

Value

Month of birth vector obtained from ID numbers.

Examples

```
id = c(
  "652801197305161555",
  "130206202202291545",
  "110101841125178"
)
birth_month(id)
```

birth_year	<i>Get year of birth information from ID number</i>
------------	---

Description

Get year of birth information from ID number.

Usage

```
birth_year(id)
```

Arguments

id A vector of ID numbers.

Value

Year of birth vector obtained from ID numbers.

Examples

```
id = c(
  "652801197305161555",
  "130206202202291545",
  "110101841125178"
)
birth_year(id)
```

check_id	<i>Check the ID number for logical errors</i>
----------	---

Description

Check the ID number for logical errors.

Usage

```
check_id(id)
```

Arguments

id A vector of ID numbers.

Value

A vector of TRUE or FALSE.

Examples

```
id = c(
  "652801197305161555",
  "130206202202291545",
  "110101841125178"
)
check_id(id)
```

cnid_info	<i>Get full information from ID number</i>
-----------	--

Description

Get full information from ID number.

Usage

```
cnid_info(id)
```

Arguments

id A vector of ID numbers.

Value

A list about date of birth, age, gender, etc. obtained from ID number.

Examples

```
id = c(
  "652801197305161555",
  "130206202202291545",
  "110101841125178"
)
cnid_info(id)
```

cstl	<i>Get constellation information from ID number</i>
------	---

Description

Get constellation information from ID number.

Usage

```
cstl(id)
```

Arguments

id A vector of ID numbers.

Value

Constellation vector obtained from ID numbers.

Examples

```
id = c(
  "652801197305161555",
  "130206202202291545",
  "110101841125178"
)
cstl(id)
```

gender

Get gender information from ID number

Description

Get gender information from ID number.

Usage

```
gender(id)
```

Arguments

id A vector of ID numbers.

Value

Gender vector obtained from ID numbers.

Examples

```
id = c(
  "652801197305161555",
  "130206202202291545",
  "110101841125178"
)
gender(id)
```

mdays	<i>Calculate the number of days in a specified year and month</i>
-------	---

Description

Calculate the number of days in a specified year and month.

Usage

```
mdays(month, year = as.integer(format(Sys.Date(), "%Y")))
```

Arguments

month	A given month, such as 2.
year	A given year, the default is current year.

Value

Days in a specified year and month.

Examples

```
mdays(2, 2022)
```

region	<i>Get region information from ID number</i>
--------	--

Description

Get region information from ID number.

Usage

```
region(id)
```

Arguments

id	A vector of ID numbers.
----	-------------------------

Value

Region vector obtained from ID numbers.

Examples

```
id = c(
  "652801197305161555",
  "130206202202291545",
  "110101841125178"
)
region(id)
```

ydays	<i>Calculate the number of days in a specified year</i>
-------	---

Description

Calculate the number of days in a specified year.

Usage

```
ydays(year = as.integer(format(Sys.Date(), "%Y")))
```

Arguments

year A given year, the default is current year.

Value

Days in a specified year.

Examples

```
ydays(2022)
```

zodiac	<i>Get zodiac information from ID number</i>
--------	--

Description

Get zodiac information from ID number.

Usage

```
zodiac(id)
```

Arguments

id A vector of ID numbers.

Value

Zodiac vector obtained from ID numbers.

Examples

```
id = c(
  "652801197305161555",
  "130206202202291545",
  "110101841125178"
)
zodiac(id)
```

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