This package contains utilities to convert values into human readable forms.

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count_as_ap

**Description**
Convert to AP Number

**Usage**
count_as_ap(value)

**Arguments**
value A single positive integer

**Value**
For numbers 1-9, returns the number spelled out. Otherwise, returns the number as a string.

**Examples**
count_as_ap(3)
count_as_ap(20)

count_as_ordinal

**Description**
Transform a count to an ordinal string

**Usage**
count_as_ordinal(value)

**Arguments**
value A single positive integer

**Value**
A string with the ordinal representation of a number
count_as_word

Examples

    count_as_ordinal(1)
    count_as_ordinal(111)

Description

Note - currently limited to .Machine$integer.max.

Usage

    count_as_word(value, fmt = "%.1f")

Arguments

value A single positive integer
fmt Extra number formatting supplied to sprintf

Value

Returns a string with the power of a number replaced by the appropriate word.

Examples

    count_as_word(100)
    count_as_word(1000000)
    count_as_word(1200000000)

natural_date

Natural Date

Description

Like natural day, but will append a year for dates that are a year or more in the past or future

Usage

    natural_date(value)

Arguments

value A Date value
See Also

natural_day

Examples

natural_day(Sys.Date())
natural_day(Sys.Date()-10)

natural_size

Convert bytes to a more natural representation

Description

Convert bytes to a more natural representation

Usage

natural_size(bytes, suffix_type = "decimal", fmt = "%.1f")

Arguments

bytes A byte value
suffix_type Optional suffix type
fmt Optional formatting string
natural_time

Arguments

- **bytes**: Number of bytes
- **suffix_type**: One of 'decimal', 'binary', 'gnu'
- **fmt**: Extra number formatting

Examples

natural_size(3000)

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natural_time

*Convert times to natural values relative to now.*

Description

Given a datetime or a number of seconds, return a natural representation of that resolution that makes sense. Ago/From now determined by positive or negative values.

Usage

natural_time(value, use_months = TRUE)

Arguments

- **value**: a datetime or a number of seconds
- **use_months**: Boolean whether we should (imprecisely) use months as a unit

Examples

natural_time(Sys.time()-1)
natural_time(Sys.time()-100)

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number_as_comma

*Convert an number to a string with comma separation*

Description

Just a wrapper around format with defaults for full digits

Usage

number_as_comma(value)

Arguments

- **value**: A numeric
Value
A string with comma separation every three digits

Examples

number_as_comma(1000)
number_as_comma(10000)

seconds_to_natural_delta
 Takes in a number of seconds and computes a "human" delta

Description
Takes in a number of seconds and computes a "human" delta

Usage
seconds_to_natural_delta(seconds, use_months = TRUE)

Arguments
seconds  A positive number of seconds
use_months  Boolean whether we should (imprecisely) use months as a unit

See Also
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