Package: dauphin (via r-universe)

August 23, 2024

Title Compact Standard for Australian Phone Numbers

Version 0.3.2

Description Phone numbers are often represented as strings because there is no obvious and suitable native representation for them. This leads to high memory use and a lack of standard representation. The package provides integer representation of Australian phone numbers with optional raw vector calling code. The package name is an extension of 'au' and 'ph'.

License GPL-2

Encoding UTF-8

Suggests tinytest

RoxygenNote 7.2.0

Imports utils

Repository https://hughparsonage.r-universe.dev

RemoteUrl https://github.com/hughparsonage/dauphin

RemoteRef HEAD

RemoteSha eb23619cf9f9a9fa6aba922f154e857fbf2ffab1

Contents

`dauphin_mobile` *Standardize Australian phone numbers*

Description

Standardize Australian phone numbers

Usage

```
dauphin_mobile(mob, ignore_calling_code = NA)

dauphin_landline(
  landline,
  default_area_code = getOption("daiphin.default_area_code", 1L)
)

dauphin_mobile_landline(
  mob,
  landline,
  default_area_code = getOption("dauphin.default_area_code", 1L)
)

## S3 method for class 'dauphin_mobile'
print(x, ...)
```

Arguments

mob, landline	Character vectors in which mobile numbers and landline numbers are expected.
ignore_calling_code	logical(1) Whether to ignore the calling code +61 in the result.
default_area_code	An integer between 1 and 10 giving, for landline numbers with 8 digits, what area code should be set. By default, it is 1L, but users should set the option "dauphin.default_area_code" so to correctly standardize non-mobile numbers.
x	A vector, generally a character vector, in which phone numbers are expected.
...	Arguments passed to other methods.

Value

Mobile phone numbers or landline numbers are represented as integer vectors. International calling prefixes extend the number beyond the representation of signed integers. We use raw vectors for the international prefix, if required.

If ignore_calling_code = TRUE, the integer vector is returned. Elements of x for which the mobile phone number could not be extracted map to NA_integer_ in the result.

If ignore_calling_code = FALSE, then a list is returned. The second element of the list is the calling prefix.

If ignore_calling_code = NA then it is set to TRUE if x appears to have international prefixes already.

dauphin_mobile An integer vector, the integer representation of the mobile phone. If the calling code is required or requested, a list of two vectors is returned, with the second element a raw vector with a representation of the corresponding number.

dauphin_landline An integer vector, the integer representation of the landline.

dauphin_mobile_landline A list of two vectors with the mobile and landline vectors respectively, even if the character vectors passed are in the wrong order (or partially in the wrong order). Useful if some of the entries are in the wrong place.

Examples

```
dauphin_mobile("0400 123 456")
dauphin_mobile("+61400123456", ignore_calling_code = FALSE)

dauphin_mobile_landline("0424 123 456", "03 1234 5678")
dauphin_mobile_landline(c("0424 123 456", "03 1234 5678"),
                        c(NA, "0424 123 456"))
```

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