Package ‘dauphin’

September 6, 2021

Title  Compact Standard for Australian Phone Numbers
Version 0.3.0
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  7.1.1
Imports  utils
NeedsCompilation  yes
Author  Hugh Parsonage [aut, cre]
Maintainer  Hugh Parsonage <hugh.parsonage@gmail.com>
Repository  CRAN
Date/Publication  2021-09-06 08:00:13 UTC

R topics documented:

  dauphin_mobile .......................................................... 1

Index

  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("dauphin.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 num-
  bers.
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**

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**

```r
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"))
```
Index

dauphin_landline (dauphin_mobile), 1

dauphin_mobile, 1

dauphin_mobile_landline
   (dauphin_mobile), 1

print.dauphin_mobile (dauphin_mobile), 1