Package 'blob'

March 17, 2023

Title A Simple S3 Class for Representing Vectors of Binary Data ('BLOBS')

Version 1.2.4

Description R's raw vector is useful for storing a single binary object. What if you want to put a vector of them in a data frame? The 'blob' package provides the blob object, a list of raw vectors, suitable for use as a column in data frame.

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URL https://blob.tidyverse.org, https://github.com/tidyverse/blob

BugReports https://github.com/tidyverse/blob/issues

Imports methods, rlang, vctrs (>= 0.2.1)

Suggests covr, crayon, pillar (>= 1.2.1), testthat

Config/autostyle/scope line_breaks

Config/autostyle/strict false

Config/Needs/website tidyverse/tidytemplate

Encoding UTF-8

RoxygenNote 7.2.3

NeedsCompilation no

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Repository CRAN

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R topics documented:

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blob   *Construct a blob object*

Description

new_blob() is a low-level constructor that takes a list of raw vectors. blob() constructs a blob from individual raw vectors. as_blob() and is_blob() are simple forwarders to vctrs::vec_cast() and inherits(), respectively.

Usage

```
blob(...)

new_blob(x = list())

validate_blob(x)

as_blob(x)

is_blob(x)
```

Arguments

...	Individual raw vectors
x	A list of raw vectors, or other object to coerce

See Also

as.blob() for the legacy interface for specifying casts.

Examples

```
x1 <- charToRaw("Good morning")
x2 <- as.raw(c(0x48, 0x65, 0x6c, 0x6c, 0x6f))

new_blob(list(x1, x2))
blob(x1, x2)

as.blob(c("Good morning", "Good evening"))
```

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vec_ptype2.blob *Coercion*

Description

Double dispatch methods to support `vctrs::vec_ptype2()`.

Usage

```
## S3 method for class 'blob'
vec_ptype2(x, y, ..., x_arg = "", y_arg = "")
```

Arguments

x, y	Vector types.
...	These dots are for future extensions and must be empty.
x_arg, y_arg	Argument names for x and y. These are used in error messages to inform the user about the locations of incompatible types (see `stop_incompatible_type()`).

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