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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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

Date/Publication 2023-03-17 12:00:06 UTC

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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"))
## Description

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

## Usage

```r
## 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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