

Package ‘blob’

July 22, 2025

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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|------|--------------------------------|
| blob | <i>Construct a blob object</i> |
|------|--------------------------------|

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"))
```

| | |
|-----------------|-----------------|
| vec_ptype2.blob | <i>Coercion</i> |
|-----------------|-----------------|

Description

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

Usage

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

Arguments

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

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