

# Package ‘blob’

October 12, 2022

**Title** A Simple S3 Class for Representing Vectors of Binary Data  
(‘BLOBS’)

**Version** 1.2.3

**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.

**License** MIT + file LICENSE

**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** 7.1.2

**NeedsCompilation** no

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**Date/Publication** 2022-04-10 06:22:28 UTC

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**blob***Construct a blob object*

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### 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	<i>Coercion</i>
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**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	Vector types.
y	Vector types.
...	These dots are for future extensions and must be empty.
x_arg	Argument names for x and y. These are used in error messages to inform the user about the locations of incompatible types (see <a href="#">stop_incompatible_type()</a> ).
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 <a href="#">stop_incompatible_type()</a> ).

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