

NAME

buf_shrink - reduce the buffer to its minimal requirement

SYNOPSIS

```
#include <buf.h>
```

int

```
buf_shrink(struct buf *b);
```

DESCRIPTION

Reduce the buffer capacity specified by *b* to reduce memory usage.

The **buf_shrink()** function will reduce the buffer capacity to the exact buffer length. If reallocation of the new memory region failed, the current buffer is kept and its capacity is unchanged. As such, it is perfectly safe to ignore the return value unless you really want to reduce memory consumption

RETURN VALUE

If the buffer's length is 0, the function simply frees the underlying data and return 0.

Otherwise the **buf_shrink()** function returns -1 in case of error and *errno* is set to indicate the error.

ERRORS

[ENOMEM] Memory reallocation failed.

SEE ALSO

libbuf(3)

AUTHORS

The **libbuf** library was written by David Demelier <markand@malikania.fr>