

NAME

malloc_stats – print memory allocation statistics

LIBRARY

Standard C library (*libc*, *-lc*)

SYNOPSIS

```
#include <malloc.h>
```

```
void malloc_stats(void);
```

DESCRIPTION

The **malloc_stats()** function prints (on standard error) statistics about memory allocated by **malloc(3)** and related functions. For each arena (allocation area), this function prints the total amount of memory allocated and the total number of bytes consumed by in-use allocations. (These two values correspond to the *arena* and *uordblks* fields retrieved by **mallinfo(3)**.) In addition, the function prints the sum of these two statistics for all arenas, and the maximum number of blocks and bytes that were ever simultaneously allocated using **mmap(2)**.

ATTRIBUTES

For an explanation of the terms used in this section, see **attributes(7)**.

Interface	Attribute	Value
malloc_stats()	Thread safety	MT-Safe

STANDARDS

This function is a GNU extension.

NOTES

More detailed information about memory allocations in the main arena can be obtained using **mallinfo(3)**.

SEE ALSO

mmap(2), **mallinfo(3)**, **malloc(3)**, **malloc_info(3)**, **mallopt(3)**