

**NAME**

mtrace, muntrace – malloc debugging

**SYNOPSIS**

```
#include <mcheck.h>
```

```
void mtrace(void);
```

```
void muntrace(void);
```

**DESCRIPTION**

The function **mtrace()** installs handlers for **malloc(3)**, **realloc(3)** and **free(3)**. The function **muntrace()** disables these handlers.

The environment variable **MALLOC\_TRACE** defines a file where **mtrace()** writes its output. This file must be writable to the user or **mtrace()** will do nothing. If the file is not empty it will be truncated.

**CONFORMING TO**

These are GNU extensions.

**NOTES**

The output of **mtrace()** will be ASCII but not in a friendly format. So glibc comes with a perl-script called mtrace to make sense of it.

**SEE ALSO**

**malloc(3)**, **malloc\_hook(3)**

**COLOPHON**

This page is part of release 3.35 of the Linux *man-pages* project. A description of the project, and information about reporting bugs, can be found at <http://man7.org/linux/man-pages/>.

