

NAME

countof, _Countof – count the number of elements in an array

LIBRARY

Standard C library (*libc*)

SYNOPSIS

```
#include <stdcountof.h>
```

```
size_t countof(array);
```

DESCRIPTION

This operator counts the number of elements in an array.

If the operand is not an array, it produces a compilation error.

There's a keyword, **_Countof()**, that behaves identically, and can be used without including *<std-countof.h>*.

RETURN VALUE

The number of elements in the array.

STANDARDS

C2y.

HISTORY

gcc 16, clang 21, gnu lib 202507.

SEE ALSO

operator(7)