

**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, gnu1ib 202507.

**SEE ALSO**

**operator(7)**