

NAME

elf_getshnum - return the number of sections in an ELF file

LIBRARY

ELF Access Library (libelf, -lelf)

SYNOPSIS

```
#include <libelf.h>
```

int

```
elf_getshnum(Elf *elf, size_t *shnum);
```

DESCRIPTION

This function is deprecated. Please use `elf_getshdrnum(3)` instead.

Function `elf_getshnum()` retrieves the number of ELF sections associated with descriptor *elf* and stores it into the location pointed to by argument *shnum*.

This routine allows applications to uniformly process both normal ELF objects, and ELF objects that use extended section numbering.

RETURN VALUES

Function `elf_getshnum()` returns a non-zero value if successful, or zero in case of an error.

ERRORS

Function `elf_getshnum()` can fail with the following errors:

[ELF_E_ARGUMENT]

A NULL value was passed in for argument *elf*.

[ELF_E_ARGUMENT]

Argument *elf* was not for an ELF file.

[ELF_E_ARGUMENT]

Argument *elf* lacks an ELF Executable header.

SEE ALSO

`elf(3)`, `elf32_getehdr(3)`, `elf64_getehdr(3)`, `elf_getident(3)`, `elf_getphdrnum(3)`, `elf_getshdrstrndx(3)`, `gelf(3)`, `gelf_getehdr(3)`