

NAME

`elf_getscn` – retrieve a descriptor for an ELF section at a specified index.

SYNOPSIS

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

```
Elf_Scn *elf_getscn(Elf *elf, size_t index);
```

DESCRIPTION

The `elf_getscn` function retrieves a section descriptor for the section at the specified index in the ELF object referred to by *elf*.

PARAMETERS

elf An *Elf* pointer to the ELF object from which the section descriptor is to be retrieved.

index A *size_t* value representing the index of the section whose descriptor is to be retrieved. Section indices start at 0. The section at index 0 is always **SHT_NULL** and does not contain any data.

RETURN VALUE

The `elf_getscn` function returns a pointer to the *Elf_Scn* for the section at the specified index. If an error occurs, it returns NULL and sets an appropriate libelf error code.

ATTRIBUTES

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

Interface	Attribute	Value
<code>elf_getscn()</code>	Thread safety	MT-Safe

SEE ALSO

`elf_errno(3)`, `libelf(3)`, `elf(5)`

REPORTING BUGS

Report bugs to <elfutils-devel@sourceware.org> or <https://sourceware.org/bugzilla/>.