

**NAME**

`elf_nextscn` - Return the next section in an ELF descriptor.

**SYNOPSIS**

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

```
Elf_Scn *elf_nextscn(Elf *elf, Elf_Scn *scn);
```

**DESCRIPTION**

The `elf_nextscn()` function returns a handle to the next section in the ELF object descriptor *elf*. If *scn* is NULL, the first section (with index 1) is returned. Section index 0 is reserved and skipped.

If *scn* is not NULL, the section immediately following it is returned. If there are no further sections, NULL is returned.

**PARAMETERS**

*elf*        A pointer to an ELF descriptor.

*scn*        A section handle returned by `elf_getscn(3)`, or NULL to begin iteration.

**RETURN VALUE**

Returns a pointer to the next `Elf_Scn` structure in the section list, or NULL if there are no more sections or if *elf* is NULL.

**SEE ALSO**

`elf_getscn(3)`, `elf_newscn(3)`, `libelf(3)`, `elf(5)`

**ATTRIBUTES**

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

**REPORTING BUGS**

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