

NAME

elf_getshstrndx, **elf_setshstrndx** - retrieve/update the index of the section name string table

LIBRARY

ELF Access Library (libelf, -lelf)

SYNOPSIS

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

int

```
elf_getshstrndx(Elf *elf, size_t *ndxptr);
```

int

```
elf_setshstrndx(Elf *elf, size_t ndx);
```

DESCRIPTION

Function **elf_getshstrndx()** is deprecated. Please use **elf_getshdrstrndx(3)** instead.

Function **elf_getshstrndx()** retrieves the section index of the string table containing section names from descriptor *elf* and stores it into the location pointed to by argument *ndxptr*.

Function **elf_setshstrndx()** sets the index of the section name string table to argument *ndx*.

These routines allow applications to process both normal ELF objects and ELF objects that use extended section numbering uniformly.

RETURN VALUES

These functions return a non-zero value if successful, or zero in case of an error.

ERRORS

These functions 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.

[ELF_E_ARGUMENT]

Argument *ndx* contained a value in the reserved range of section indices.

SEE ALSO

elf(3), elf32_getehdr(3), elf64_getehdr(3), elf_getident(3), elf_getphdrnum(3), elf_getshdrnum(3), gelf(3), gelf_getehdr(3)