

NAME

elf64_offscn – retrieve a section descriptor by file offset for a 64-bit ELF file

SYNOPSIS

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

```
Elf_Scn *elf64_offscn(Elf *elf, off_t offset);
```

DESCRIPTION

The **elf64_offscn** function retrieves the section descriptor for the non-empty section at the specified file offset in the ELF64 object referred to by *elf*.

PARAMETERS

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

offset An *off_t* value representing the file offset of the section whose descriptor is to be retrieved.

RETURN VALUE

The **elf64_offscn** function returns a pointer to the *Elf_Scn* of the non-empty section with a *sh_offset* matching *offset*. 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
elf64_offscn()	Thread safety	MT-Safe

SEE ALSO

elf32_offscn(3), **libelf(3)**, **elf(5)**,

REPORTING BUGS

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

HISTORY

elf64_offscn first appeared in elfutils 0.112. This elfutils libelf function may not be found in other libelf implementations.