

NAME

elf32_newehdr, elf64_newehdr – create a new ELF header for a 32-bit or 64-bit ELF object file

SYNOPSIS

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

```
Elf32_Ehdr *elf32_newehdr(Elf *elf);
```

```
Elf64_Ehdr *elf64_newehdr(Elf *elf);
```

DESCRIPTION

This function initializes a new ELF header and associates it with *elf*. If *elf* already has an ELF header associated with it, no new header will be created and the existing header will be returned. An ELF header must be present before calling **elf_newscn** or **elf_newphdr**.

PARAMETERS

elf ELF descriptor for which a new ELF header is to be created.

RETURN VALUE

On success, return a pointer to the newly created ELF header. If *elf* already has an ELF header associated with it, this pre-existing header is returned and no new header is created. On failure, return NULL and set a libelf error code.

SEE ALSO

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

ATTRIBUTES

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

Interface	Attribute	Value
elf32_newehdr() , elf64_newehdr()	Thread safety	MT-Safe

REPORTING BUGS

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