

NAME

`elf64_getehdr` – retrieve the ELF header for a 64-bit ELF descriptor

SYNOPSIS

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

```
Elf64_Ehdr *elf64_getehdr(Elf *elf);
```

DESCRIPTION

elf64_getehdr retrieves the ELF header for the given 64-bit ELF descriptor *elf*. The ELF header contains crucial metadata about the ELF file, such as the type, machine, version, entry point, program header table offset, and section header table offset. See **elf(5)** for more information regarding the ELF header.

PARAMETERS

elf Pointer to the ELF descriptor from which to retrieve the ELF header.

RETURN VALUE

On success, **elf64_getehdr** returns a pointer to the **Elf64_Ehdr** structure. If the ELF descriptor is invalid or not a 64-bit ELF, it returns NULL and sets an error code retrievable by **elf_errno(3)**.

SEE ALSO

elf32_getehdr(3), **elf_begin(3)**, **elf_errno(3)**, **elf(5)**

REPORTING BUGS

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