

NAME

`elf_getarhdr` – retrieve archive member header information

SYNOPSIS

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

```
Elf_Arhdr *elf_getarhdr(Elf *elf);
```

DESCRIPTION

Return a **Elf_Arhdr** * describing the archive header of the archive member currently referred to by an ELF descriptor.

The **Elf_Arhdr** structure is defined as:

```
typedef struct {
    char *ar_name;           /* Name of archive member. */
    time_t ar_date;         /* File date. */
    uid_t ar_uid;           /* User ID. */
    gid_t ar_gid;           /* Group ID. */
    mode_t ar_mode;         /* File mode. */
    int64_t ar_size;        /* File size. */
    char *ar_rawname;       /* Original name of archive member. */
} Elf_Arhdr;
```

PARAMETERS

elf An ELF descriptor referring to a member of an archive file.

RETURN VALUE

If *elf* refers to an archive member, **elf_getarhdr()** returns a pointer to its archive header. This pointer is valid until *elf* or the parent archive Elf descriptor are closed using **elf_end()**. If *elf* does not refer to an archive member or the header cannot be acquired then NULL is returned.

SEE ALSO

elf_begin(3), **elf_getaroff(3)**, **elf_next(3)**, **elf_rand(3)**, **libelf(3)**, **elf(5)**

ATTRIBUTES

Interface	Attribute	Value
elf_getarhdr()	Thread safety	MT-safe

REPORTING BUGS

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