NAME
   elf_getarhdr - retrieve ar(1) header for an archive member

LIBRARY
   ELF Access Library (libelf, -lelf)

SYNOPSIS
   #include <libelf.h>

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

DESCRIPTION
   The **elf_getarhdr**() function returns a pointer to an archive member header for a descriptor *elf*. This
   descriptor must have been returned by a prior call to elf_begin(3), and must be a descriptor for a member
   inside an ar(1) archive.

   Structure *Elf_Arhdr* includes the following members:

   *char * ar_name*
           A pointer to a null terminated string containing the translated name of the archive member.

   *char * ar_rawname*
           A pointer to a null terminated string containing the untranslated name for the archive member,
           including all ar(1) formatting characters and trailing white space.

   time_t ar_date
           The timestamp associated with the member.

   uid_t ar_uid
           The uid of the creator of the member.

   gid_t ar_gid
           The gid of the creator of the member.

   mode_t ar_mode
           The file mode of the member.

   size_t ar_size
           The size of the member in bytes.

RETURN VALUES

This function returns a valid pointer to an *Elf_Arhdr* structure if successful, or NULL if an error is encountered.

ERRORS

Function **elf_getarhdr**() may fail with the following errors:

[ELF_E_ARGUMENT]

Argument *elf* was NULL.

[ELF_E_ARGUMENT]

Argument *elf* was not a descriptor for a member of an ar(1) archive.

SEE ALSO

elf(3), elf_begin(3), elf_getarsym(3), elf_memory(3)