

NAME

`elf_getbase` – Retrieve the base offset for an ELF object file.

SYNOPSIS

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

```
int64_t elf_getbase(Elf *elf);
```

DESCRIPTION

`elf_getbase` returns the file offset of the first byte of the ELF descriptor *elf*. If *elf* is a member of an archive and has ELF kind **ELF_K_AR**, the base offset is the offset of the ELF object within the archive. For other ELF object types the base offset is 0.

PARAMETERS

elf The ELF descriptor.

RETURN VALUE

Return the base offset of *elf* if its ELF kind is **ELF_K_AR**, otherwise return 0. If *elf* is NULL, return -1.

SEE ALSO

`elf_getaroff(3)`, `elf_rawelf(3)`, `libelf(3)`, `elf(5)`

ATTRIBUTES

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

Interface	Attribute	Value
<code>elf_getbase()</code>	Thread safety	MT-Safe

REPORTING BUGS

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