

NAME

`elf_kind` – Determine the type of file represented by an ELF descriptor.

SYNOPSIS

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

```
Elf_Kind elf_kind(Elf *elf);
```

DESCRIPTION

The **elf_kind** function determines the file type of the file represented by *elf*. This type identifies whether the descriptor represents an ELF object, an archive member, or some other type of file.

PARAMETERS

elf The ELF descriptor.

RETURN VALUE

The file type of the file represented by *elf*. The possible return value are

ELF_K_NONE

Unknown file type.

ELF_K_AR

Archive member.

ELF_K_COFF

COFF object file. COFF is not supported by elfutils libelf.

ELF_K_ELF

ELF object file.

SEE ALSO

ar(1), **ranlib**(1), **libelf**(3), **elf**(5)

ATTRIBUTES

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

Interface	Attribute	Value
elf_kind ()	Thread safety	MT-Safe

REPORTING BUGS

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