

NAME

`elf_rawfile` – Retrieve a pointer to the entire raw ELF file image

SYNOPSIS

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

```
char *elf_rawfile(Elf *elf, size_t *ptr);
```

DESCRIPTION

The **elf_rawfile()** function returns a pointer to the entire contents of the ELF file represented by *elf*. This data is unprocessed and includes everything from the ELF header to the final byte.

If the ELF descriptor was opened from memory or the file has already been memory-mapped or fully read, this function returns a pointer to the internal buffer.

If the ELF data has not yet been read or mapped, it is loaded on demand.

If *ptr* is non-NULL, the total size in bytes of the raw file is stored in **ptr*.

The returned buffer is read-only and managed internally by libelf. The application must not modify or free it.

PARAMETERS

elf A handle previously returned by **elf_begin(3)**.

ptr If not **NULL**, receives the size in bytes of the ELF file.

RETURN VALUE

Returns a pointer to the start of the ELF file data. On failure, **NULL** is returned and **ptr* (if non-NULL) is set to 0.

SEE ALSO

libelf(3), **elf(5)**

ATTRIBUTES

Interface	Attribute	Value
elf_rawfile()	Thread safety	MT-Safe

REPORTING BUGS

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