

NAME

`elf_cntl` – perform control operations on an ELF descriptor

SYNOPSIS

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

```
int elf_cntl(Elf *elf, Elf_Cmd cmd);
```

DESCRIPTION

Perform control operations on the ELF descriptor *elf* according to the operation specified by *cmd*.

The following commands are supported:

ELF_C_FDDONE

This command tells **libelf** that the application is done using the file descriptor associated with the *elf* object. The file descriptor may then be closed immediately without affecting the in-memory ELF data. Unless all data has been read from the file descriptor (see **ELF_C_FDREAD** below) future operation on the Elf descriptor may fail.

ELF_C_FDREAD

This command causes **libelf** to read the entire contents of the underlying file into memory immediately. **libelf** generally reads and parses elements of ELF files only when they are required. This command instead triggers **libelf** to read all elements immediately. Using this command ensures that **ELF_C_FDDONE** may be used without causing future operations on the Elf descriptor to fail.

RETURN VALUE

On success, returns 0.

On failure, it returns -1 and sets an error that can be retrieved with **elf_errmsg(3)**.

SEE ALSO

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

ATTRIBUTES**REPORTING BUGS**

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