

**NAME**

**elfctl** - change an ELF binary's feature control note

**SYNOPSIS**

**elfctl** [-h | --help] [-i] [-l] [-e *featurelist*] *file* ...

**DESCRIPTION**

The **elfctl** utility modifies feature flags in the feature control note in an ELF binary.

The options are as follows:

**-h | --help**

Print a usage message and exit.

**-i** Ignore unknown feature flags in *featurelist*.

**-l** List known ELF feature flags.

**-e *featurelist***

Edit features from the given comma separated list *featurelist*. *featurelist* starts with one of the three operations: "+" to turn on the features, "-" to turn off the features, "=" to only turn on the given features. A comma separated list of feature names or numeric values follows the operation.

If **-e** is not specified **elfctl** displays the status of each feature in the ELF note in each *file* ....

**EXIT STATUS**

Exit status is 0 on success, and 1 if the command fails if a file does not exist, is too short, or fails to find or edit features note.

**EXAMPLES**

The following is an example of a typical usage of the **elfctl** command:

```
elfctl file
```

```
elfctl -e +noaslr file
```

Features may be specified as numerical values:

```
elfctl -e =0x0001,0x0004 file
```

Features may also be specified as a single combined value:

```
elfctl -e =0x5 file
```

## SEE ALSO

mitigations(7)

## HISTORY

**elfctl** first appeared in FreeBSD 12.2.

## AUTHORS

**elfctl** was written by Bora Ozarslan *borako.ozarslan@gmail.com* under sponsorship from the FreeBSD Foundation.