

## NAME

elfedit - Update the ELF header of ELF files.

## SYNOPSIS

```
elfedit [--input-mach=machine] [--input-type=type] [--input-osabi=osabi] --output-  
mach=machine --output-type=type --output-osabi=osabi [-v|--version] [-h|--help] elffile...
```

## DESCRIPTION

**elfedit** updates the ELF header of ELF files which have the matching ELF machine and file types. The options control how and which fields in the ELF header should be updated.

*elffile*... are the ELF files to be updated. 32-bit and 64-bit ELF files are supported, as are archives containing ELF files.

## OPTIONS

The long and short forms of options, shown here as alternatives, are equivalent. At least one of the **--output-mach**, **--output-type** and **--output-osabi** options must be given.

### **--input-mach=*machine***

Set the matching input ELF machine type to *machine*. If **--input-mach** isn't specified, it will match any ELF machine types.

The supported ELF machine types are, *L10M*, *K10M* and *x86-64*.

### **--output-mach=*machine***

Change the ELF machine type in the ELF header to *machine*. The supported ELF machine types are the same as **--input-mach**.

### **--input-type=*type***

Set the matching input ELF file type to *type*. If **--input-type** isn't specified, it will match any ELF file types.

The supported ELF file types are, *rel*, *exec* and *dyn*.

### **--output-type=*type***

Change the ELF file type in the ELF header to *type*. The supported ELF types are the same as **--input-type**.

### **--input-osabi=*osabi***

Set the matching input ELF file OSABI to *osabi*. If **--input-osabi** isn't specified, it will match any ELF OSABIs.

The supported ELF OSABIs are, *none*, *HPUX*, *NetBSD*, *GNU*, *Linux* (alias for *GNU*), *Solaris*, *AIX*, *Irix*, *FreeBSD*, *TRU64*, *Modesto*, *OpenBSD*, *OpenVMS*, *NSK*, *AROS* and *FenixOS*.

### **--output-osabi=*osabi***

Change the ELF OSABI in the ELF header to *osabi*. The supported ELF OSABI are the same as **--input-osabi**.

### **-v**

### **--version**

Display the version number of **elfedit**.

### **-h**

### **--help**

Display the command line options understood by **elfedit**.

### **@*file***

Read command-line options from *file*. The options read are inserted in place of the original **@*file*** option. If *file* does not exist, or cannot be read, then the option will be treated literally, and not removed.

Options in *file* are separated by whitespace. A whitespace character may be included in an option by surrounding the entire option in either single or double quotes. Any character

(including a backslash) may be included by prefixing the character to be included with a backslash. The *file* may itself contain additional *@file* options; any such options will be processed recursively.

**SEE ALSO**

[readelf\(1\)](#), and the Info entries for *binutils*.

**COPYRIGHT**

Copyright (c) 1991-2014 Free Software Foundation, Inc.

Permission is granted to copy, distribute and/or modify this document under the terms of the GNU Free Documentation License, Version 1.3 or any later version published by the Free Software Foundation; with no Invariant Sections, with no Front-Cover Texts, and with no Back-Cover Texts. A copy of the license is included in the section entitled “GNU Free Documentation License”.