Rocky Enterprise Linux 9.2 Manual Pages on command 'x86_64-linux-gnu-elfedit.1'

$ man x86_64-linux-gnu-elfedit.1

ELFEDIT(1)   GNU Development Tools   ELFEDIT(1)

NAME

    elfedit - update ELF header and program property of ELF files

SYNOPSIS

    elfedit [--input-mach=machine]

        [--input-type=type]

        [--input-osabi=osabi]

        [--input-abiversion=version]

        --output-mach=machine

        --output-type=type

        --output-osabi=osabi

        --output-abiversion=version

        --enable-x86-feature=feature

        --disable-x86-feature=feature

        [-v|--version]

        [-h|--help]

        elffile...

DESCRIPTION

    elfedit updates the ELF header and program property of ELF files which have the matching

    ELF machine and file types. The options control how and which fields in the ELF header

    and program property 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, --output-osabi, --output-abiversion, --enable-x86-feature and --disable-x86-feature 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, i386, IAMCU, L1OM, K1OM 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.

--input-abiversion=version

Set the matching input ELF file ABIVERSION to version. version must be between 0 and 255. If --input-abiversion isn't specified, it will match any ELF ABIVERSIONs.

--output-abiversion=version

Change the ELF ABIVERSION in the ELF header to version. version must be between 0 and 255.

--enable-x86-feature=feature

Set the feature bit in program property in exec or dyn ELF files with machine types of

i386 or x86-64. The supported features are, ibt, shstk, lam_u48 and lam_u57.

--disable-x86-feature=feature

Clear the feature bit in program property in exec or dyn ELF files with machine types

of i386 or x86-64. The supported features are the same as --enable-x86-feature.

Note: --enable-x86-feature and --disable-x86-feature are available only on hosts with

mmap support.

-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.

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