

NAME

eu-elfclassify – Determine the type of an ELF file.

SYNOPSIS

```
eu-elfclassify [--core]
               [--debug-only]
               [--elf]
               [--elf-archive]
               [--elf-file]
               [--executable]
               [--library]
               [--linux-kernel-module]
               [--loadable]
               [--program]
               [--shared]
               [--unstripped]
               [-f|--file]
               [--no-stdin]
               [--stdin]
               [--stdin0]
               [-z|--compressed]
               [--matching]
               [--no-print]
               [--not-matching]
               [--print]
               [--print0]
               [-q|--quiet]
               [-v|--verbose]
               [-?|--help]
               [--usage]
               [-V|--version]      elffile...
```

DESCRIPTION

eu-elfclassify identifies the primary purpose of a particular kind of ELF file or files

OPTIONS

The long and short forms of options, shown here as alternatives, are equivalent. All of the classification options must apply at the same time to a particular file. Classification options can be negated using a **--not-** prefix.

Classification Options

- core**
File is an ELF core dump file.
- debug-only**
File is a debug only ELF file (separate .debug, .dwo or dwz multi-file).
- elf**
File looks like an ELF object or archive/static library (default).
- elf-archive**
File is an ELF archive or static library.
- elf-file**
File is an regular ELF object (not an archive/static library).
- executable**
File is (primarily) an ELF program executable (not primarily a DS.O)

--library

File is an ELF shared object (DSO) (might also be an executable).

--linux-kernel-module

File is a linux kernel module.

--loadable

File is a loadable ELF object (program or shared object).

--program

File is an ELF program executable (might also be a DSO).

--shared

File is (primarily) an ELF shared object (DSO) (not primarily an executable).

--unstripped

File is an ELF file with symbol table or .debug_* sections and can be stripped further.

Input flags**-f****--file**

Only classify regular (not symlink nor special device) files.

--no-stdin

Do not read files from standard input (default).

--stdin

Also read file names to process from standard input, separated by newlines.

--stdin0

Also read file names to process from standard input, separated by ASCII NUL bytes.

-z**--compressed**

Try to open compressed files or embedded (kernel) ELF images.

Output flags**--matching**

If printing file names, print matching files (default).

--no-print

Do not output file names.

--not-matching

If printing file names, print files that do not match.

--print

Output names of files, separated by newline.

--print0

Output names of files, separated by ASCII NUL.

Additional flags**-q****--quiet**

Suppress some error output (counterpart to --verbose).

-v**--verbose**

Output additional information (can be specified multiple times).

-?

--help

Give this help list.

--usage

Give a short usage message.

-V**--version**

Print program version.

AUTHOR

Written by Florian Wiemer.

REPORTING BUGS

Please reports bugs at <https://sourceware.org/bugzilla/>

COPYRIGHT

Copyright © 2019 Red Hat Inc. License GPLv3+: GNU GPL version 3 or later <<https://gnu.org/licenses/gpl.html>>. This is free software: you are free to change and redistribute it. There is NO WARRANTY, to the extent permitted by law.