

NAME

msgfmt – compile message catalog to binary format

SYNOPSIS

msgfmt [*OPTION*] *filename.po* ...

DESCRIPTION

Generate binary message catalog from textual translation description.

Mandatory arguments to long options are mandatory for short options too. Similarly for optional arguments.

Input file location:

filename.po ...

input files

-D, --directory=*DIRECTORY*

add *DIRECTORY* to list for input files search

If input file is -, standard input is read.

Operation mode:

-j, --java

Java mode: generate a Java ResourceBundle class

--java2

like **--java**, and assume Java2 (JDK 1.2 or higher)

--csharp

C# mode: generate a .NET .dll file

--csharp-resources

C# resources mode: generate a .NET .resources file

--tcl Tcl mode: generate a tcl/msgcat .msg file

--qt Qt mode: generate a Qt .qm file

--desktop

Desktop Entry mode: generate a .desktop file

--xml XML mode: generate XML file

Output file location:

-o, --output-file=*FILE*

write output to specified file

--strict

enable strict Uniform mode

If output file is -, output is written to standard output.

Output file location in Java mode:

-r, --resource=*RESOURCE*

resource name

-l, --locale=*LOCALE*

locale name, either language or language_COUNTRY

--source

produce a .java file, instead of a .class file

-d *DIRECTORY*

base directory of classes directory hierarchy

The class name is determined by appending the locale name to the resource name, separated with an underscore. The **-d** option is mandatory. The class is written under the specified directory.

Output file location in C# mode:

-r, --resource=RESOURCE
resource name

-l, --locale=LOCALE
locale name, either language or language_COUNTRY

-d DIRECTORY
base directory for locale dependent .dll files

The **-l** and **-d** options are mandatory. The .dll file is written in a subdirectory of the specified directory whose name depends on the locale.

Output file location in Tcl mode:

-l, --locale=LOCALE
locale name, either language or language_COUNTRY

-d DIRECTORY
base directory of .msg message catalogs

The **-l** and **-d** options are mandatory. The .msg file is written in the specified directory.

Desktop Entry mode options:

-l, --locale=LOCALE
locale name, either language or language_COUNTRY

-o, --output-file=FILE
write output to specified file

--template=TEMPLATE
a .desktop file used as a template

-d DIRECTORY
base directory of .po files

-kWORD, --keyword=WORD
look for WORD as an additional keyword

-k, --keyword
do not to use default keywords

The **-l**, **-o**, and **--template** options are mandatory. If **-D** is specified, input files are read from the directory instead of the command line arguments.

XML mode options:

-l, --locale=LOCALE
locale name, either language or language_COUNTRY

-L, --language=NAME
recognise the specified XML language

-o, --output-file=FILE
write output to specified file

--template=TEMPLATE
an XML file used as a template

-d DIRECTORY
base directory of .po files

The **-l**, **-o**, and **--template** options are mandatory. If **-D** is specified, input files are read from the directory instead of the command line arguments.

Input file syntax:

-P, --properties-input

input files are in Java .properties syntax

--stringtable-input

input files are in NeXTstep/GNUstep .strings syntax

Input file interpretation:**-c, --check**

perform all the checks implied by **--check-format**, **--check-header**, **--check-domain**

--check-format

check language dependent format strings

--check-header

verify presence and contents of the header entry

--check-domain

check for conflicts between domain directives and the **--output-file** option

-C, --check-compatibility

check that GNU msgfmt behaves like X/Open msgfmt

--check-accelerators[=*CHAR*]

check presence of keyboard accelerators for menu items

-f, --use-fuzzy

use fuzzy entries in output

Output details:**-a, --alignment=*NUMBER***

align strings to *NUMBER* bytes (default: 1)

--endianness=*BYTEORDER*

write out 32-bit numbers in the given byte order (big or little, default depends on platform)

--no-hash

binary file will not include the hash table

Informative output:**-h, --help**

display this help and exit

-V, --version

output version information and exit

--statistics

print statistics about translations

-v, --verbose

increase verbosity level

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REPORTING BUGS

Report bugs to <bug-gnu-gettext@gnu.org>.

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SEE ALSO

The full documentation for **msgfmt** is maintained as a Texinfo manual. If the **info** and **msgfmt** programs are properly installed at your site, the command

info msgfmt

should give you access to the complete manual.