



Linux Ubuntu 26.04 Manual Pages on command 'wat2wasm.1'

\$ man wat2wasm.1

WABT(1) General Commands Manual WABT(1)

NAME

wat2wasm ? translate from WebAssembly text format to the WebAssembly binary format

SYNOPSIS

wat2wasm [options] file

DESCRIPTION

wat2wasm Read a file in the wasm text format, check it for errors, and convert it to the
wasm binary format.

The options are as follows:

--help Print this help message

--version

Print version information

-v, --verbose

Use multiple times for more info

--debug-parser

Turn on debugging the parser of wat files

-d, --dump-module

Print a hexdump of the module to stdout

--enable-exceptions

Enable Experimental exception handling

--disable-mutable-globals

Disable Import/export mutable globals

--disable-saturating-float-to-int

Disable Saturating float-to-int operators

--disable-sign-extension

Disable Sign-extension operators

--disable-simd

Disable SIMD support

--enable-threads

Enable Threading support

--enable-function-references

Enable Typed function references

--disable-multi-value

Disable Multi-value

--enable-tail-call

Enable Tail-call support

--disable-bulk-memory

Disable Bulk-memory operations

--disable-reference-types

Disable Reference types (externref)

--enable-annotations

Enable Custom annotation syntax

--enable-code-metadata

Enable Code metadata

--enable-gc

Enable Garbage collection

--enable-memory64

Enable 64-bit memory

--enable-multi-memory

Enable Multi-memory

--enable-extended-const

Enable Extended constant expressions

--enable-all

Enable all features

-o, --output=FILE

Output wasm binary file. Use "-" to write to stdout.

-r, --relocatable

Create a relocatable wasm binary (suitable for linking with e.g. lld)

--no-canonicalize-leb128s

Write all LEB128 sizes as 5-bytes instead of their minimal size

--debug-names

Write debug names to the generated binary file

--no-check

Don't check for invalid modules

EXAMPLES

Parse test.wat and write to .wasm binary file with the same name

```
$ wat2wasm test.wat
```

Parse test.wat and write to binary file test.wasm

```
$ wat2wasm test.wat -o test.wasm
```

Parse spec-test.wast, and write verbose output to stdout (including the meaning of every byte)

```
$ wat2wasm spec-test.wast -v
```

SEE ALSO

wasm-decompile(1), wasm-interp(1), wasm-objdump(1), wasm-stats(1), wasm-strip(1),
wasm-validate(1), wasm2c(1), wasm2wat(1), wast2json(1), wat-desugar(1), spectest-interp(1)

BUGS

If you find a bug, please report it at

<https://github.com/WebAssembly/wabt/issues>.

Debian

\$Mdocdate\$

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