



## **Demo project**

***Release 12.0.1 (experimental 20210414)***

**Martin Liska**

Dec 07, 2021



# CONTENTS

<b>1</b>	<b>Introduction</b>	<b>1</b>
<b>2</b>	<b>Multiple</b>	<b>5</b>
2.1	Arithmetic functions . . . . .	5
2.2	Names: . . . . .	5
<b>3</b>	<b>Tools/packages necessary for building GCC</b>	<b>7</b>
	<b>Index</b>	<b>9</b>



## INTRODUCTION

I'm a demo documentation page.

**-Wno-shift-overflow**, **-Wshift-overflow=n**, **-Wshift-overflow**

---

**Note:** Default value is `-Wno-shift-overflow`, `-Wshift-overflow` is enabled by `-Wall`.

---

These options control warnings about left shift overflows.

**-Wshift-overflow=1** This is the warning level of `-Wshift-overflow` and ...

**-Wno-shift-overflow2**, **-Wshift-overflow2=n** (non-default),  
**-Wshift-overflow2** (non-default)

These options control warnings about left shift overflows.

**-Wshift-overflow2=1** This is the warning level of `-Wshift-overflow2` and ...

**-Wno-shift-overflow3**

Default option value for `-Wshift-overflow3`.

**-Wshift-overflow3=n**, **-Wshift-overflow3**

These options control warnings about left shift overflows.

**-Wshift-overflow3=1** This is the warning level of `-Wshift-overflow3` and ...

Enabled by `-Wall`.

**-Wall**

Enable it all :)

I am a **super-command**. I am **strong** and I am *emphasis*.

Show Samp with a *variable*.

Show it:

```
gcc a.c
./a.out
```

Code block:

```
gcc a.c
./a.out
```

Note1: <sup>(1)</sup> Note2: <sup>(2)</sup>

### *Diagnostic Message Formatting Options*

See Options to Control Diagnostic Messages Formatting.

- fmessage-length=*n* -fdiagnostics-plain-output
- fdiagnostics-show-location=[once|every-line]
- fdiagnostics-color=[auto|never|always]
- fdiagnostics-urls=[auto|never|always]
- fdiagnostics-format=[text|json]
- fno-diagnostics-show-option -fno-diagnostics-show-caret
- fno-diagnostics-show-labels -fno-diagnostics-show-line-numbers
- fno-diagnostics-show-cwe
- fdiagnostics-minimum-margin-width=*width*
- fdiagnostics-parseable-fixits -fdiagnostics-generate-patch
- fdiagnostics-show-template-tree -fno-elide-type
- fdiagnostics-path-format=[none|separate-events|inline-events]
- fdiagnostics-show-path-depths
- fno-show-column -fdiagnostics-column-unit=[display|byte]
- fdiagnostics-column-origin=*origin*
- fdiagnostics-escape-format=[unicode|bytes]
- -fdiagnostics-escape-format=[unicode|bytes]
- -fdiagnostics-escape-format=[unicode|bytes]
- -fdiagnostics-escape-format=[unicode|bytes]
- -fdiagnostics-escape-format=[unicode|bytes]
- -fdiagnostics-escape-format=[unicode|bytes]
- -fdiagnostics-escape-format=[unicode|bytes]
- -fdiagnostics-escape-format=[unicode|bytes]
- -fdiagnostics-escape-format=[unicode|bytes]
- -fdiagnostics-escape-format=[unicode|bytes]

### *Static Analyzer Options*

- fanalyzer -fanalyzer-call-summaries -fanalyzer-checker=*name*
- fno-analyzer-feasibility -fanalyzer-fine-grained
- fanalyzer-state-merge -fanalyzer-state-purge -fanalyzer-transitivity
- fanalyzer-verbose-edges -fanalyzer-verbose-state-changes
- fanalyzer-verbosity=*level* -fdump-analyzer -fdump-analyzer-stderr
- fdump-analyzer-callgraph -fdump-analyzer-exploded-graph
- fdump-analyzer-exploded-nodes -fdump-analyzer-exploded-nodes-2
- fdump-analyzer-exploded-nodes-3 -fdump-analyzer-exploded-paths
- fdump-analyzer-feasibility -fdump-analyzer-json
- fdump-analyzer-state-purge -fdump-analyzer-supergraph
- Wno-analyzer-double-fclose -Wno-analyzer-double-free
- Wno-analyzer-exposure-through-output-file -Wno-analyzer-file-leak
- Wno-analyzer-free-of-non-heap -Wno-analyzer-malloc-leak
- Wno-analyzer-mismatching-deallocation -Wno-analyzer-null-argument
- Wno-analyzer-null-dereference -Wno-analyzer-possible-null-argument
- Wno-analyzer-possible-null-dereference -Wno-analyzer-shift-count-negative
- Wno-analyzer-shift-count-overflow -Wno-analyzer-stale-setjmp-buffer

---

<sup>1</sup> Future versions of GCC may zero-extend, or use a target-defined `ptr_extend` pattern. Do not rely on sign extension.

<sup>2</sup> I am note 2.

```
-Wno-analyzer-tainted-allocation-size -Wno-analyzer-tainted-array-index  
-Wno-analyzer-tainted-divisor          -Wno-analyzer-tainted-offset  
-Wno-analyzer-tainted-size             -Wanalyzer-too-complex  
-Wno-analyzer-unsafe-call-within-signal-handler -Wno-analyzer-use-after-free  
-Wno-analyzer-use-of-pointer-in-stale-stack-frame  
-Wno-analyzer-use-of-uninitialized-value  -Wno-analyzer-write-to-const  
-Wno-analyzer-write-to-string-literal
```





**MULTIPLE**

## 2.1 Arithmetic functions

`_Decimal32 __dpd_addsd3` (`_Decimal32 a`, `_Decimal32 b`)

`_Decimal32 __bid_addsd3` (`_Decimal32 a`, `_Decimal32 b`)

`_Decimal64 __dpd_adddd3` (`_Decimal64 a`, `_Decimal64 b`)

`_Decimal64 __bid_adddd3` (`_Decimal64 a`, `_Decimal64 b`)

`_Decimal128 __dpd_addtd3` (`_Decimal128 a`, `_Decimal128 b`)

`_Decimal128 __bid_addtd3` (`_Decimal128 a`, `_Decimal128 b`)

These functions return the sum of *a* and *b*.

## 2.2 Names:

- git
- SSH
- FooBar (all versions)

Install these requirements.



## TOOLS/PACKAGES NECESSARY FOR BUILDING GCC

autoconf version 2.69 GNU m4 version 1.4.6 (or later)

Necessary when modifying `configure.ac`, `aclocal.m4`, etc. to regenerate `configure` and `config.in` files.

git (any version) SSH (any version) Foobar (all versions)

Necessary to access the source repository. Public releases and weekly snapshots of the development sources are also available via HTTPS.

**-mmmx**  
**-msse**  
**-msse2**

These switches enable the use of instructions in the MMX, SSE, SSE2, ...

Use these options: `-Wno-shift-overflow3` `-Wno-shift-overflow3` `-Wno-shift-overflow3`  
`-Wno-shift-overflow3` `-Wno-shift-overflow3` `-Wno-shift-overflow3`  
`-Wno-shift-overflow3` `-Wno-shift-overflow3` `-Wno-shift-overflow3`  
`-Wno-shift-overflow3` `-Wno-shift-overflow3` `-Wno-shift-overflow3`  
`-Wno-shift-overflow3` `-Wno-shift-overflow3`.

Code block:

```
gcc a.c  
./a.out
```

And then there's a note:

---

**Note:** I am a note!

---

And then there's something else.

genindex



# INDEX

## Symbols

\_\_bid\_adddd3 (C++ *function*), 5  
\_\_bid\_addsd3 (C++ *function*), 5  
\_\_bid\_addtd3 (C++ *function*), 5  
\_\_dpd\_adddd3 (C++ *function*), 5  
\_\_dpd\_addsd3 (C++ *function*), 5  
\_\_dpd\_addtd3 (C++ *function*), 5

-Wall

command line option, 1

-Wno-shift-overflow

command line option, 1

-Wno-shift-overflow2

command line option, 1

-Wno-shift-overflow3

command line option, 1

-Wshift-overflow

command line option, 1

-Wshift-overflow2 (*non-default*)

command line option, 1

-Wshift-overflow2=n (*non-default*)

command line option, 1

-Wshift-overflow3

command line option, 1

-Wshift-overflow3=n

command line option, 1

-Wshift-overflow=n

command line option, 1

-mmmx

command line option, 7

-msse

command line option, 7

-msse2

command line option, 7

-Wshift-overflow2=n (*non-default*), 1

-Wshift-overflow3, 1

-Wshift-overflow3=n, 1

-Wshift-overflow=n, 1

-mmmx, 7

-msse, 7

-msse2, 7

## C

command line option

-Wall, 1

-Wno-shift-overflow, 1

-Wno-shift-overflow2, 1

-Wno-shift-overflow3, 1

-Wshift-overflow, 1

-Wshift-overflow2 (*non-default*), 1