.file 1 ""

.section .mdebug.abi32

.previous

.nan legacy

.module fp=32

.module nooddspreg

.abicalls

.globl m\_w

.data

.align 2

.type m\_w, @object

.size m\_w, 4

m\_w:

.word 123

.globl m\_z

.align 2

.type m\_z, @object

.size m\_z, 4

m\_z:

.word 234

.text

.align 2

.globl get\_random

.set nomips16

.set nomicromips

.ent get\_random

.type get\_random, @function

get\_random:

.frame $fp,8,$31 # vars= 0, regs= 1/0, args= 0, gp= 0

.mask 0x40000000,-4

.fmask 0x00000000,0

.set noreorder

.cpload $25

.set nomacro

addiu $sp,$sp,-8

sw $fp,4($sp)

move $fp,$sp

lw $2,%got(m\_z)($28)

nop

movz $31,$31,$0

lw $2,0($2)

nop

andi $4,$2,0xffff

move $3,$4

sll $2,$3,2

move $3,$2

sll $2,$3,2

addu $3,$3,$2

sll $2,$3,3

subu $2,$2,$3

sll $3,$2,5

addu $2,$2,$3

addu $2,$2,$4

sll $2,$2,3

addu $3,$2,$4

lw $2,%got(m\_z)($28)

nop

lw $2,0($2)

nop

sra $2,$2,16

addu $3,$3,$2

lw $2,%got(m\_z)($28)

nop

sw $3,0($2)

lw $2,%got(m\_w)($28)

nop

lw $2,0($2)

nop

andi $2,$2,0xffff

sll $2,$2,4

sll $3,$2,2

addu $2,$2,$3

sll $3,$2,4

subu $3,$3,$2

sll $2,$3,4

subu $3,$2,$3

lw $2,%got(m\_w)($28)

nop

lw $2,0($2)

nop

sra $2,$2,16

addu $3,$3,$2

lw $2,%got(m\_w)($28)

nop

sw $3,0($2)

lw $2,%got(m\_z)($28)

nop

lw $2,0($2)

nop

sll $3,$2,16

lw $2,%got(m\_w)($28)

nop

lw $2,0($2)

nop

addu $2,$3,$2

move $sp,$fp

lw $fp,4($sp)

addiu $sp,$sp,8

j $31

nop

.set macro

.set reorder

.end get\_random

.size get\_random, .-get\_random

.ident "GCC: (Ubuntu 5.4.0-6ubuntu1~16.04.1) 5.4.0 20160609"

.file 1 ""

.section .mdebug.abi32

.previous

.nan legacy

.module fp=32

.module nooddspreg

.abicalls

.text

.align 2

.globl get\_random

.set nomips16

.set nomicromips

.ent get\_random

.type get\_random, @function

get\_random:

.frame $sp,0,$31 # vars= 0, regs= 0/0, args= 0, gp= 0

.mask 0x00000000,0

.fmask 0x00000000,0

.set noreorder

.cpload $25

.set nomacro

lw $9,%got(m\_z)($28)

lw $8,%got(m\_w)($28)

lw $7,0($9)

lw $6,0($8)

andi $3,$7,0xffff

movz $31,$31,$0

sll $2,$3,2

sll $4,$3,4

addu $4,$2,$4

sll $5,$4,3

subu $4,$5,$4

andi $2,$6,0xffff

sll $5,$2,4

sll $10,$4,5

sll $2,$2,6

addu $2,$5,$2

addu $4,$4,$10

addu $4,$4,$3

sll $5,$2,4

subu $2,$5,$2

sll $4,$4,3

addu $4,$4,$3

sll $5,$2,4

sra $3,$7,16

addu $3,$4,$3

subu $4,$5,$2

sra $2,$6,16

addu $2,$4,$2

sll $4,$3,16

sw $2,0($8)

sw $3,0($9)

j $31

addu $2,$4,$2

.set macro

.set reorder

.end get\_random

.size get\_random, .-get\_random

.globl m\_z

.data

.align 2

.type m\_z, @object

.size m\_z, 4

m\_z:

.word 234

.globl m\_w

.align 2

.type m\_w, @object

.size m\_w, 4

m\_w:

.word 123

.ident "GCC: (Ubuntu 5.4.0-6ubuntu1~16.04.1) 5.4.0 20160609"