SPEC CPU®2017 Integer Rate Result

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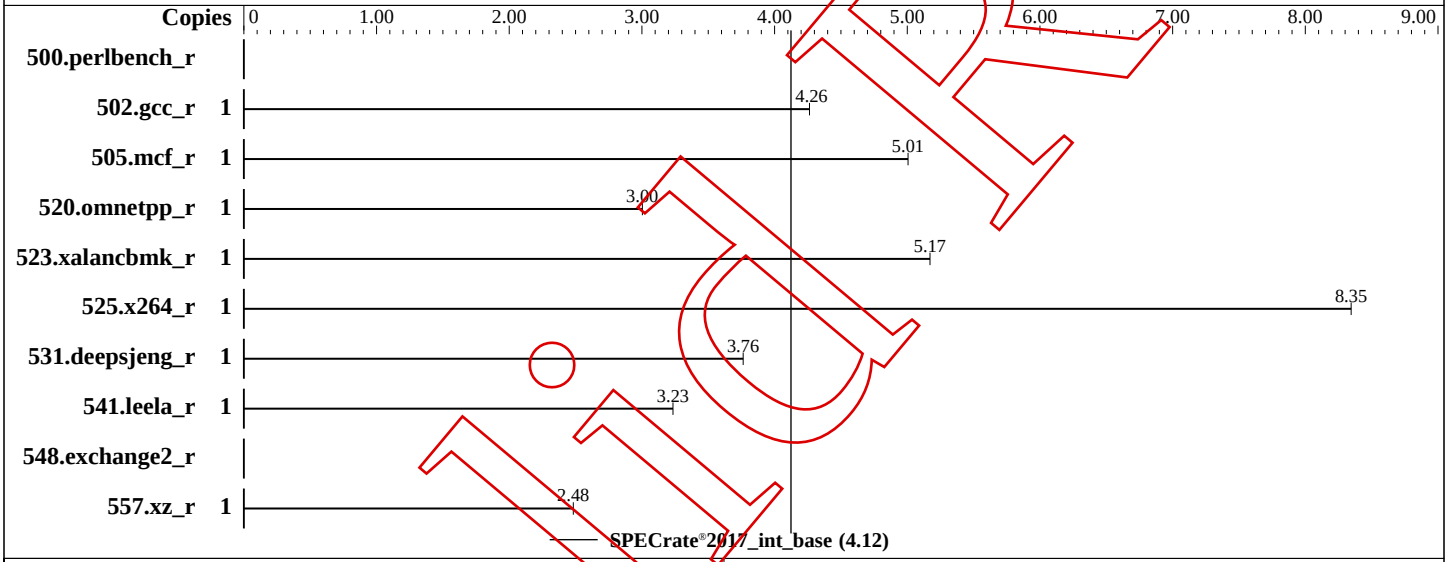
My Corporation

SPECrate®2017_int_base = 4.12

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)
Test Sponsor: My Corporation
Tested by: My Corporation

Test Date: Jun-2024
Hardware Availability:
Software Availability:



Hardware

CPU Name: 13th Gen Intel Core i9-13900KS
Max MHz:
Nominal:
Enabled: cores, 1 chip, threads/core
Orderable:
Cache L1:
L2:
L3:
Other:
Memory: 125.561 GB fixme: If using DDR4, the format is: 'N GB (N x N GB nRxn PC4-nnnnX-X)'
Storage: 3.6 TB add more disk info here
Other:

Software

OS: Ubuntu 22.04.4 LTS 6.8.0-76060800daily20240311-generic
Compiler: C/C++/Fortran: Version 7.2.1 of GCC, the GNU Compiler Collection
Parallel: No
Firmware:
File System: ext4
System State: Run level 5 (add definition here)
Base Pointers: 64-bit
Peak Pointers: Not Applicable
Other:
Power Management: --

Errors

'reportable' flag not set during run
548.exchange2_r (base) did not have enough runs!
505.mcf_r (base) did not have enough runs!
531.deepsjeng_r (base) did not have enough runs!
502.gcc_r (base) did not have enough runs!
557.xz_r (base) did not have enough runs!
541.leela_r (base) did not have enough runs!
523.xalancbmk_r (base) did not have enough runs!
520.omnetpp_r (base) did not have enough runs!
500.perlbench_r (base) did not have enough runs!
525.x264_r (base) did not have enough runs!

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Invalid

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Invalid RUN

Errors (Continued)

Unknown flags were used! See
https://www.spec.org/cpu2017/Docs/runcpu.html#flagsurl
for information about how to get rid of this error.

Results Table

Benchmark	Base							Peak						
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
500.perlbench_r														
502.gcc_r	1	**332**	**4.26**											
505.mcf_r	1	**323**	**5.01**											
520.omnetpp_r	1	**437**	**3.00**											
523.xalancbmk_r	1	**204**	**5.17**											
525.x264_r	1	**210**	**8.35**											
531.deepsjeng_r	1	**305**	**3.76**											
541.leela_r	1	**512**	**3.23**											
548.exchange2_r														
557.xz_r	1	**435**	**2.48**											

SPECrate®2017_int_base = 4.12

SPECrate®2017_int_peak = Not Run

Results appear in the order in which they were run. Bold underlined text indicates a median measurement.

Environment Variables Notes

```
Environment variables set by runcpu before the start of the run:
LD_LIBRARY_PATH = "/usr/lib64/:/usr/lib/:/lib64"
```

Platform Notes

```
Sysinfo program /mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/bin/sysinfo
Rev: r6365 of 2019-08-21 295195f888a3d7edb1e6e46a485a0011
running on shr-work Wed Jun 12 16:25:44 2024

SUT (System Under Test) info as seen by some common utilities.
For more information on this section, see
   https://www.spec.org/cpu2017/Docs/config.html#sysinfo

From /proc/cpuinfo
   model name : 13th Gen Intel(R) Core(TM) i9-13900KS
      1  "physical id"s (chips)
      24 "processors"
```

(Continued on next page)

Platform Notes (Continued)

```
    cores, siblings (Caution: counting these is hw and system dependent. The following
    excerpts from /proc/cpuinfo might not be reliable.  Use with caution.)
       cpu cores : 24
       siblings  : 24
       physical 0: cores 0 4 8 12 16 20 24 28 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46
       47

 From lscpu:
      Architecture:                         x86_64
      CPU op-mode(s):                       32-bit, 64-bit
      Address sizes:                        46 bits physical, 48 bits virtual
      Byte Order:                           Little Endian
      CPU(s):                               32
      On-line CPU(s) list:                  0,2,4,6,8,10,12,14,16-31
      Off-line CPU(s) list:                 1,3,5,7,9,11,13,15
      Vendor ID:                            GenuineIntel
      Model name:                           13th Gen Intel(R) Core(TM) i9-13900KS
      CPU family:                           6
      Model:                                183
      Thread(s) per core:                   1
      Core(s) per socket:                   24
      Socket(s):                            1
      Stepping:                             1
      CPU max MHz:                          6000.0000
      CPU min MHz:                          0.0000
      BogoMIPS:                             6374.40
      Flags:                               fpu vme de pse tsc msr pae mce cx8 apic sep mtrr
      pge mca cmov pat pse36 clflush dts acpi mmx fxsr sse sse2 ss ht tm pbe syscall nx
      pdpe1gb rdtscp lm constant_tsc art arch_perfmon pebs bts rep_good nopl xtopology
      nonstop_tsc cpuid aperfmperf tsc_known_freq pni pclmulqdq dtes64 monitor ds_cpl vmx
      smx est tm2 ssse3 sdbg fma cx16 xtpr pdcm sse4_1 sse4_2 x2apic movbe popcnt
      tsc_deadline_timer aes xsave avx f16c rdrand lahf_lm abm 3dnowprefetch cpuid_fault
      ssbd ibrs ibpb stibp ibrs_enhanced tpr_shadow flexpriority ept vpid ept_ad fsgsbase
      tsc_adjust bmi1 avx2 smep bmi2 erms invpcid rdseed adx smap clflushopt clwb intel_pt
      sha_ni xsaveopt xsavec xgetbv1 xsaves split_lock_detect user_shstk avx_vnni dtherm
      ida arat pln pts hwp hwp_notify hwp_act_window hwp_epp hwp_pkg_req hfi vnmi umip pku
      ospke waitpkg gfni vaes vpclmulqdq tme rdpid movdiri movdir64b fsrm md_clear
      serialize pconfig arch_lbr ibt flush_l1d arch_capabilities
      Virtualization:                       VT-x
      L1d cache:                            896 KiB (24 instances)
      L1i cache:                            1.3 MiB (24 instances)
      L2 cache:                             32 MiB (12 instances)
      L3 cache:                             36 MiB (1 instance)
      NUMA node(s):                         1
      NUMA node0 CPU(s):                    0,2,4,6,8,10,12,14,16-31
      Vulnerability Gather data sampling: Not affected
      Vulnerability Itlb multihit:          Not affected
```

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Invalid RUN

Platform Notes (Continued)

```
      Vulnerability L1tf:                 Not affected
      Vulnerability Mds:                  Not affected
      Vulnerability Meltdown:             Not affected
      Vulnerability Mmio stale data:      Not affected
      Vulnerability Retbleed:             Not affected
      Vulnerability Spec rstack overflow: Not affected
      Vulnerability Spec store bypass:    Mitigation; Speculative Store Bypass disabled
      via prctl
      Vulnerability Spectre v1:           Mitigation; usercopy/swapgs barriers and __user
      pointer sanitization
      Vulnerability Spectre v2:           Mitigation; Enhanced / Automatic IBRS, IBPB
      conditional, RSB filling, PBRSB-eIBRS SW sequence
      Vulnerability Srbds:                Not affected
      Vulnerability Tsx async abort:      Not affected

  /proc/cpuinfo cache data
     cache size : 36864 KB

  From numactl --hardware  WARNING: a numactl 'node' might or might not correspond to a
  physical chip.

  From /proc/meminfo
     MemTotal:       131660532 kB
     HugePages_Total:       0
     Hugepagesize:       2048 kB

  /usr/bin/lsb_release -d
     Ubuntu 22.04.4 LTS

  From /etc/*release* /etc/*version*
     debian_version: bookworm/sid
     os-release:
        PRETTY_NAME="Ubuntu 22.04.4 LTS"
        NAME="Ubuntu"
        VERSION_ID="22.04"
        VERSION="22.04.4 LTS (Jammy Jellyfish)"
        VERSION_CODENAME=jammy
        ID=ubuntu
        ID_LIKE=debian
        HOME_URL="https://www.ubuntu.com/"

  uname -a:
     Linux shr-work 6.8.0-76060800daily20240311-generic
     #202403110203~1713206908~22.04~3a62479~dev-Ubuntu SMP PREEMPT_DY x86_64 x86_64 x86_64
     GNU/Linux

  Kernel self-reported vulnerability status:
```


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Invalid RUN

Platform Notes (Continued)

```
 gather_data_sampling:                  Not affected
 itlb_multihit:                         Not affected
 CVE-2018-3620 (L1 Terminal Fault):     Not affected
 Microarchitectural Data Sampling:      Not affected
 CVE-2017-5754 (Meltdown):              Not affected
 mmio_stale_data:                       Not affected
 retbleed:                              Not affected
 spec_rstack_overflow:                  Not affected
 CVE-2018-3639 (Speculative Store Bypass): Mitigation: Speculative Store Bypass disabled
                                        via prctl
 CVE-2017-5753 (Spectre variant 1):     Mitigation: usercopy/swapgs barriers and __user
                                        pointer sanitization
 CVE-2017-5715 (Spectre variant 2):     Mitigation: Enhanced / Automatic IBRS, IBPB:
                                        conditional, RSB filling, PBRSB-eIBRS: SW
                                        sequence
 srbds:                                 Not affected
 tsx_async_abort:                       Not affected

 run-level 5 May 12 16:41

 SPEC is set to: /mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017
    Filesystem     Type  Size  Used Avail Use% Mounted on
    /dev/nvme0n1p1 ext4  3.6T  695G  2.8T  20% /mnt/seconddrive

 From /sys/devices/virtual/dmi/id
     BIOS:    System76 FH Z5 01/25/2024
     Vendor:  System76
     Product: Thelio Mira
     Product Family: Z790 MB

 Cannot run dmidecode; consider saying (as root)
    chmod +s /usr/sbin/dmidecode

 (End of data from sysinfo program)
```

Compiler Version Notes

```
==============================================================================
C   | 502.gcc_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
```

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Invalid

Compiler Version Notes (Continued)

```
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 505.mcf_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 525.x264_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_gcc-m64.0000'
```

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Untitled

Compiler Version Notes (Continued)

```
------------------------------------------------------------------------------

==============================================================================
C   | 557.xz_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 502.gcc_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 505.mcf_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 525.x264_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 557.xz_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_gcc-m64.0000'
```

(Continued on next page)

Invalid RUN

Compiler Version Notes (Continued)

```
------------------------------------------------------------------------------

==============================================================================
C   | 502.gcc_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 505.mcf_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 525.x264_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
```

(Continued on next page)

Invalid Run

Compiler Version Notes (Continued)

```
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_gcc-m64.0000'
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C   | 557.xz_r(base pass 0)
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COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
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Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 502.gcc_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 505.mcf_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 525.x264_r(base pass )
```

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Untuned

Compiler Version Notes (Continued)

```
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 557.xz_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_gcc-m64.0000'
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C   | 502.gcc_r(base pass 0)
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COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_gcc-m64.0000'
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  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
```

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Untitled

Compiler Version Notes (Continued)

```
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 525.x264_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_gcc-m64.0000'
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==============================================================================
C   | 557.xz_r(base pass 0)
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Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-gcc
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Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 502.gcc_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------
```

(Continued on next page)

Untuned

Compiler Version Notes (Continued)

```
==============================================================================
C   | 505.mcf_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 525.x264_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 557.xz_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 502.gcc_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 505.mcf_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
```

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Compiler Version Notes (Continued)

```
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 525.x264_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 557.xz_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
```

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Compiler Version Notes (Continued)

```
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 502.gcc_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 505.mcf_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 525.x264_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 557.xz_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 502.gcc_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
```

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Invalid Run

Compiler Version Notes (Continued)

```
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 505.mcf_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 525.x264_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 557.xz_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-gcc
```

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Invalid Run

Compiler Version Notes (Continued)

```
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 502.gcc_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 505.mcf_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 525.x264_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 557.xz_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 502.gcc_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-gcc
```

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Invalid

Compiler Version Notes (Continued)

```
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 505.mcf_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 525.x264_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
```

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Unofficial

Compiler Version Notes (Continued)

```
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 557.xz_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 502.gcc_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 505.mcf_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 525.x264_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 557.xz_r(base pass )
```

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Invalid Run

Compiler Version Notes (Continued)

```
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 502.gcc_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 505.mcf_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 525.x264_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
```


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Invalid Run

Compiler Version Notes (Continued)

```
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 557.xz_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 502.gcc_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 505.mcf_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------
```

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Compiler Version Notes (Continued)

```
==============================================================================
C   | 525.x264_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 557.xz_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 502.gcc_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 505.mcf_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
```

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Unofficial

Compiler Version Notes (Continued)

```
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 525.x264_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 557.xz_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-gcc
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 502.gcc_r(base pass )
------------------------------------------------------------------------------
```


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Invalid RUN

Compiler Version Notes (Continued)

```
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/502.gcc_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 505.mcf_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/505.mcf_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 525.x264_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/525.x264_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C   | 557.xz_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/557.xz_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 520.omnetpp_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 523.xalancbmk_r(base pass 0)
------------------------------------------------------------------------------
```

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Untitled

Compiler Version Notes (Continued)

```
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 531.deepsjeng_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 541.leela_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
```

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Unofficial

Compiler Version Notes (Continued)

```
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 520.omnetpp_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 523.xalancbmk_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 531.deepsjeng_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 541.leela_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 520.omnetpp_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
```

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Invalid Run

Compiler Version Notes (Continued)

```
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 523.xalancbmk_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 531.deepsjeng_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 541.leela_r(base pass 0)
```


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Invalid Run

Compiler Version Notes (Continued)

```
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 520.omnetpp_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 523.xalancbmk_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 531.deepsjeng_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 541.leela_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 520.omnetpp_r(base pass 0)
```

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Invalid RUN

Compiler Version Notes (Continued)

```
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 523.xalancbmk_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 531.deepsjeng_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
```

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Compiler Version Notes (Continued)

```
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 541.leela_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 520.omnetpp_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 523.xalancbmk_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 531.deepsjeng_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------
```

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Invalid RUN

Compiler Version Notes (Continued)

```
==============================================================================
C++ | 541.leela_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 520.omnetpp_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 523.xalancbmk_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
```


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Invalid RUN

Compiler Version Notes (Continued)

```
C++ | 531.deepsjeng_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 541.leela_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 520.omnetpp_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 523.xalancbmk_r(base pass )
------------------------------------------------------------------------------
```


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Tentative

Compiler Version Notes (Continued)

```
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 531.deepsjeng_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 541.leela_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 520.omnetpp_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 523.xalancbmk_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
```

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Tentative

Compiler Version Notes (Continued)

```
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 531.deepsjeng_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 541.leela_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------
```


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Invalid Run

Compiler Version Notes (Continued)

```
==============================================================================
C++ | 520.omnetpp_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 523.xalancbmk_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 531.deepsjeng_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 541.leela_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 520.omnetpp_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------
```

(Continued on next page)

Invalid

Compiler Version Notes (Continued)

```
==============================================================================
C++ | 523.xalancbmk_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 531.deepsjeng_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 541.leela_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
```

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Untitled

Compiler Version Notes (Continued)

```
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 520.omnetpp_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 523.xalancbmk_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 531.deepsjeng_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 541.leela_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 520.omnetpp_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
```

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Invalid RUN

Compiler Version Notes (Continued)

```
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 523.xalancbmk_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 531.deepsjeng_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------
```

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Invalid

Compiler Version Notes (Continued)

```
==============================================================================
C++ | 541.leela_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 520.omnetpp_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 523.xalancbmk_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 531.deepsjeng_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 541.leela_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------
```


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Invalid Run

Compiler Version Notes (Continued)

```
==============================================================================
C++ | 520.omnetpp_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 523.xalancbmk_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 531.deepsjeng_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
```


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Invalid Run

Compiler Version Notes (Continued)

```
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 541.leela_r(base pass 0)
------------------------------------------------------------------------------
Using built-in specs.
COLLECT_GCC=/opt/native-gcc/bin/internal-x86_64-linux-musl-g++
COLLECT_LTO_WRAPPER=/opt/native-gcc/bin/../libexec/gcc/x86_64-linux-musl/13.2.0/lto-wrapper
Target: x86_64-linux-musl
Configured with: ../gcc/configure --target=x86_64-linux-musl --disable-docs
  --disable-bootstrap --disable-libssp --disable-multilib --disable-shared
  --enable-languages=c,c++ --enable-lto
  --prefix=/home/zyedidia/programming/lfi/toolchain/lfi-gcc/native-gcc
  --with-pkgversion=LFI
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 13.2.0 (LFI)
specmake[1]: Leaving directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 520.omnetpp_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/520.omnetpp_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 523.xalancbmk_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/523.xalancbmk_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 531.deepsjeng_r(base pass )
------------------------------------------------------------------------------
```


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Invalid

Compiler Version Notes (Continued)

```
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/531.deepsjeng_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------

==============================================================================
C++ | 541.leela_r(base pass )
------------------------------------------------------------------------------
specmake[1]: Entering directory
  '/mnt/seconddrive/Code/seguecg-root/segue-lfi/spec2017/benchspec/CPU/541.leela_r/build/build_base_gcc-m64.0000'
------------------------------------------------------------------------------
```

Base Unknown Flags

502.gcc_r: "/opt/native-gcc/bin/x86_64-linux-musl-" (in CC)
"/opt/native-gcc/bin/x86_64-linux-musl-" (in LD)
"-fwrapv" (in PORTABILITY)
"-fomit-frame-pointer" (in OPTIMIZE)

505.mcf_r: "/opt/native-gcc/bin/x86_64-linux-musl-" (in CC)
"/opt/native-gcc/bin/x86_64-linux-musl-" (in LD)
"-fomit-frame-pointer" (in OPTIMIZE)

520.omnetpp_r: "/opt/native-gcc/bin/x86_64-linux-musl-" (in CXX)
"/opt/native-gcc/bin/x86_64-linux-musl-" (in LD)
"-D_LARGEFILE64_SOURCE" (in PORTABILITY)
"-fomit-frame-pointer" (in OPTIMIZE)

523.xalancbmk_r: "/opt/native-gcc/bin/x86_64-linux-musl-" (in CXX)
"/opt/native-gcc/bin/x86_64-linux-musl-" (in LD)
"-fomit-frame-pointer" (in OPTIMIZE)

525.x264_r: "/opt/native-gcc/bin/x86_64-linux-musl-" (in CC)
"/opt/native-gcc/bin/x86_64-linux-musl-" (in LD)
"-fcommon" (in PORTABILITY)
"-fomit-frame-pointer" (in OPTIMIZE)

531.deepsjeng_r: "/opt/native-gcc/bin/x86_64-linux-musl-" (in CXX)
"/opt/native-gcc/bin/x86_64-linux-musl-" (in LD)
"-fomit-frame-pointer" (in OPTIMIZE)

541.leela_r: "/opt/native-gcc/bin/x86_64-linux-musl-" (in CXX)
"/opt/native-gcc/bin/x86_64-linux-musl-" (in LD)
"-fomit-frame-pointer" (in OPTIMIZE)

557.xz_r: "/opt/native-gcc/bin/x86_64-linux-musl-" (in CC)
"/opt/native-gcc/bin/x86_64-linux-musl-" (in LD)

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Invalid Run

Base Unknown Flags (Continued)

557.xz_r (continued):
"`-fomit-frame-pointer`" (in `OPTIMIZE`)

Base Compiler Invocation

C benchmarks (except as noted below):
`gcc`

C++ benchmarks:
`g++`

Base Portability Flags

502.gcc_r: `-DSPEC_LP64`
505.mcf_r: `-DSPEC_LP64`
520.omnetpp_r: `-DSPEC_LP64`
523.xalancbmk_r: `-DSPEC_LINUX -DSPEC_LP64`
525.x264_r: `-DSPEC_LP64`
531.deepsjeng_r: `-DSPEC_LP64`
541.leela_r: `-DSPEC_LP64`
557.xz_r: `-DSPEC_LP64`

Base Optimization Flags

C benchmarks:

502.gcc_r: `-std=c99 -O3 -flto -fno-strict-aliasing -fgnu89-inline`

505.mcf_r: `Same as 502.gcc_r`

525.x264_r: `Same as 502.gcc_r`

557.xz_r: `Same as 502.gcc_r`

C++ benchmarks:
`-std=c++03 -O3 -flto`

Invalid RUN

SPEC CPU®2017 Integer Rate Result

Copyright 2017-2024 Standard Performance Evaluation Corporation

My Corporation

SPECrate®2017_int_base = 4.12

SPECrate®2017_int_peak = Not Run

CPU2017 License: nnn (Your SPEC license number)
Test Sponsor: My Corporation
Tested by: My Corporation

Test Date: Jun-2024
Hardware Availability:
Software Availability:

Invalid RUN

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For questions about this result, please contact the tester. For other inquiries, please contact info@spec.org.

Tested with SPEC CPU®2017 v0.0.0 on 2024-06-12 16:25:44-0500.
Report generated on 2024-06-12 17:23:27 by CPU2017 PDF formatter v6255.