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Profile data file 'callgrind.out.133674' (creator: callgrind-3.22.0)

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:l1 cache

:D1 cache

:LL cache

Timerange: Basic block 0 - 360105

Trigger: Program termination

Profiled target: ./main -v 4 -e 4 -r 2 (PID 133674, part 1)

Events recorded: lr

Events shown: lr

Event sort order: lr

Thresholds: 99

:Include dirs

:User annotated

Auto-annotation: on

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lr

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PROGRAM TOTALS (100.0%) 2,033,914

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lr	file:function
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elf/./elf/dl-lookup.c:do_lookup_x [usr/lib/x86_64-linux-/. (24.42%) 496,639 gnu/ld-linux-x86-64.so.2]
----------------------------------------------------------------------------------------------------------

elf/./sysdeps/generic/dl-new-hash.h:_dl_lookup_symbol_x/. (24.19%) 492,070
----------------------------------------------------------------------------

elf/./elf/dl-lookup.c:\_dl\_lookup\_symbol\_x [/usr/lib/x86\_64-/. (9.10% ) 185,073  
linux-gnu/ld-linux-x86-64.so.2]

elf/./elf/dl-reloc.c:\_dl\_relocate\_object [/usr/lib/x86\_64-/. (7.21% ) 146,564  
linux-gnu/ld-linux-x86-64.so.2]

elf/./elf/dl-lookup.c:check\_match [/usr/lib/x86\_64-linux-/. (5.54% ) 112,600  
gnu/ld-linux-x86-64.so.2]

elf/./sysdeps/x86\_64/dl-machine.h:\_dl\_relocate\_object/. (5.47% ) 111,236

elf/./elf/do-rel.h:\_dl\_relocate\_object/. (5.42% ) 110,283

string/./sysdeps/x86\_64/multiarch/./multiarch/strcmp-/. (3.31% ) 67,223  
sse2.S:strcmp [/usr/lib/x86\_64-linux-gnu/ld-linux-x86-64.so.2]

elf/./elf/dl-tunables.c:\_\_GI\_\_tunables\_init [/usr/lib/x86\_64-/. (1.11% ) 22,485  
linux-gnu/ld-linux-x86-64.so.2]

std::mersenne\_twister\_engine<unsigned long, 32ul, :??? (1.00% ) 20,295  
624ul, 397ul, 31ul, 2567483615ul, 11ul, 4294967295ul, 7ul, 2636928640ul, 15ul,  
4022730752ul, 18ul, 1812433253ul>::\_M\_gen\_rand()  
[/home/dael/projects/operating\_sys/EX4/q4/main]

elf/./elf/dl-version.c:\_dl\_check\_map\_versions /. (0.76% ) 15,372  
[/usr/lib/x86\_64-linux-gnu/ld-linux-x86-64.so.2]

std::mersenne\_twister\_engine<unsigned long, 32ul, :??? (0.74% ) 14,972  
624ul, 397ul, 31ul, 2567483615ul, 11ul, 4294967295ul, 7ul, 2636928640ul, 15ul,  
4022730752ul, 18ul, 1812433253ul>::seed(unsigned long)  
[/home/dael/projects/operating\_sys/EX4/q4/main]

std::\_\_detail::\_Mod<unsigned long, 624ul, 1ul, 0ul, true, :??? (0.61% ) 12,460  
true>::\_\_calc(unsigned long) [/home/dael/projects/operating\_sys/EX4/q4/main]

std::locale::\_Impl::\_M\_install\_facet(std::locale::id :??? (0.60% ) 12,192  
const\*, std::locale::facet const\*) [/usr/lib/x86\_64-linux-gnu/libstdc++.so.6.0.33]

elf/./sysdeps/generic/ldsodefs.h:\_dl\_relocate\_object/. (0.51% ) 10,409

elf/./sysdeps/generic/ldsodefs.h:do\_lookup\_x/. (0.47% ) 9,465

wcsmbcs/./wcsmbcs/btowc.c:btowc [/usr/lib/x86\_64-linux-/. (0.45% ) 9,216  
gnu/libc.so.6]

elf/./elf/dl-runtime.c:\_dl\_fixup [/usr/lib/x86\_64-linux-gnu/ld-/. (0.38% ) 7,629  
linux-x86-64.so.2]

elf/./sysdeps/generic/dl-protected.h:do\_lookup\_x/. (0.37% ) 7,572

unsigned long std::\_\_detail::\_\_mod<unsigned long, :??? (0.37% ) 7,488  
 4294967296ul, 1ul, 0ul>(unsigned long)  
 [/home/dael/projects/operating\_sys/EX4/q4/main]

unsigned long std::\_\_detail::\_\_mod<unsigned long, 624ul, :??? (0.37% ) 7,476  
 1ul, 0ul>(unsigned long) [/home/dael/projects/operating\_sys/EX4/q4/main]

std::\_\_detail::\_\_Mod<unsigned long, 4294967296ul, 1ul, :??? (0.34% ) 6,864  
 0ul, true, true>::\_\_calc(unsigned long)  
 [/home/dael/projects/operating\_sys/EX4/q4/main]

malloc/./malloc/malloc.c:\_int\_malloc [/usr/lib/x86\_64-linux-/. (0.25% ) 5,033  
 gnu/libc.so.6]

libio/./libio/fileops.c:\_IO\_file\_xsputn@@GLIBC\_2.2.5 /. (0.21% ) 4,370  
 [/usr/lib/x86\_64-linux-gnu/libc.so.6]

elf/./elf/dl-load.c:\_dl\_map\_object\_from\_fd [/usr/lib/x86\_64-/. (0.19% ) 3,856  
 linux-gnu/ld-linux-x86-64.so.2]

libio/./libio/iovwrite.c:fwrite [/usr/lib/x86\_64-linux-/. (0.18% ) 3,704  
 gnu/libc.so.6]

elf/./elf/dl-misc.c:\_dl\_name\_match\_p [/usr/lib/x86\_64-linux-/. (0.16% ) 3,208  
 gnu/ld-linux-x86-64.so.2]

wcsmbcs/./wcsmbcs/wctob.c:wctob [/usr/lib/x86\_64-linux-/. (0.16% ) 3,200  
 gnu/libc.so.6]

elf/./sysdeps/x86\_64/dl-/. (0.16% ) 3,157  
 trampoline.h:\_dl\_runtime\_resolve\_xsave [/usr/lib/x86\_64-linux-gnu/ld-linux-x86-  
 64.so.2]

elf/./sysdeps/x86/dl-/. (0.15% ) 3,096  
 cacheinfo.h:intel\_check\_word.constprop.0 [/usr/lib/x86\_64-linux-gnu/ld-linux-  
 x86-64.so.2]

malloc/./malloc/malloc.c:\_int\_free [/usr/lib/x86\_64-linux-/. (0.15% ) 2,999  
 gnu/libc.so.6]

elf/./elf/dl-cache.c:\_dl\_cache\_libcmp [/usr/lib/x86\_64-linux-/. (0.14% ) 2,805  
 gnu/ld-linux-x86-64.so.2]

std::ctype<wchar\_t>::\_M\_initialize\_ctype() :??? (0.13% ) 2,736  
 [/usr/lib/x86\_64-linux-gnu/libstdc++.so.6.0.33]

std::basic\_ostream<char, std::char\_traits<char> >& :??? (0.12% ) 2,394  
 std::\_\_ostream\_insert<char, std::char\_traits<char> >(std::basic\_ostream<char,

std::char\_traits<char> >&, char const\*, long) [/usr/lib/x86\_64-linux-gnu/libstdc++.so.6.0.33]

elf/./elf/dl-deps.c:\_dl\_map\_object\_deps [/usr/lib/x86\_64-/. (0.12% ) 2,378 linux-gnu/ld-linux-x86-64.so.2]

elf/./elf/dl-load.c:\_dl\_map\_object [/usr/lib/x86\_64-linux-/. (0.12% ) 2,367 gnu/ld-linux-x86-64.so.2]

malloc/./malloc/malloc.c:malloc [/usr/lib/x86\_64-linux-/. (0.11% ) 2,293 gnu/libc.so.6]

elf/./bits/stdlib-bsearch.h:intel\_check\_word.constprop.0/. (0.11% ) 2,268

std::ostreambuf\_iterator<char, std::char\_traits<char> > :??? (0.11% ) 2,137

std::num\_put<char, std::ostreambuf\_iterator<char, std::char\_traits<char> > >::\_M\_insert\_int<long>(std::ostreambuf\_iterator<char, std::char\_traits<char> >, std::ios\_base&, char, long) const [/usr/lib/x86\_64-linux-gnu/libstdc++.so.6.0.33]

std::ostream::sentry::sentry(std::ostream&) :??? (0.09% ) 1,857 [/usr/lib/x86\_64-linux-gnu/libstdc++.so.6.0.33]

elf/./elf/dl-tunables.h:\_\_GI\_\_tunables\_init/. (0.09% ) 1,840

elf/./elf/get-dynamic-info.h:\_dl\_map\_object\_from\_fd/. (0.09% ) 1,809

string/./sysdeps/x86\_64/multiarch/strlen-/. (0.08% ) 1,582

avx2.S:\_\_strlen\_avx2 [/usr/lib/x86\_64-linux-gnu/libc.so.6]

malloc/./malloc/malloc.c:free [/usr/lib/x86\_64-linux-/. (0.07% ) 1,372 gnu/libc.so.6]

std::ostream& std::ostream::\_M\_insert<long>(long) :??? (0.07% ) 1,355 [/usr/lib/x86\_64-linux-gnu/libstdc++.so.6.0.33]

elf/./elf/dl-minimal-malloc.c:\_\_minimal\_malloc /. (0.07% ) 1,339 [/usr/lib/x86\_64-linux-gnu/ld-linux-x86-64.so.2]

elf/./elf/rtld.c:dl\_main [/usr/lib/x86\_64-linux-gnu/ld-linux-x86-64.so.2] (0.06% ) 1,260

elf/./elf/dl-cache.c:\_dl\_load\_cache\_lookup [/usr/lib/x86\_64-/. (0.06% ) 1,204 linux-gnu/ld-linux-x86-64.so.2]

libio/./libio/fileops.c:\_IO\_file\_overflow@@GLIBC\_2.2.5 /. (0.06% ) 1,162 [/usr/lib/x86\_64-linux-gnu/libc.so.6]

string/./sysdeps/x86\_64/multiarch/memmove-vec-/. (0.06% ) 1,121  
unaligned-erms.S:\_\_mempcpy\_avx\_unaligned\_erms [/usr/lib/x86\_64-linux-gnu/libc.so.6]

elf/./elf/dl-object.c:\_dl\_new\_object [/usr/lib/x86\_64-linux-/. (0.05% ) 1,116  
gnu/ld-linux-x86-64.so.2]

string/./sysdeps/x86\_64/multiarch/memcmp-avx2-/. (0.05% ) 1,095  
movbe.S:\_\_memcmp\_avx2\_movbe [/usr/lib/x86\_64-linux-gnu/libc.so.6]

std::locale::id::\_M\_id() const [/usr/lib/x86\_64-linux-:??? (0.05% ) 1,086  
gnu/libstdc++.so.6.0.33]

wctype/./wctype/wctype\_l.c:wctype\_l [/usr/lib/x86\_64-linux-/. (0.05% ) 1,066  
gnu/libc.so.6]

libio/./libio/libioP.h:fwrite/. (0.05% ) 975

elf/./elf/dl-tunables.c:\_\_tunable\_get\_val [/usr/lib/x86\_64-/. (0.04% ) 908  
linux-gnu/ld-linux-x86-64.so.2]

string/./sysdeps/x86\_64/multiarch/./multiarch/memset-vec-/. (0.04% ) 871  
unaligned-erms.S:memset [/usr/lib/x86\_64-linux-gnu/ld-linux-x86-64.so.2]

stdlib/./stdlib/cxa\_finalize.c:\_\_cxa\_finalize [/usr/lib/x86\_64-/. (0.04% ) 814  
linux-gnu/libc.so.6]

int :??? (0.04% ) 810  
std::uniform\_int\_distribution<int>::operator()<std::mersenne\_twister\_engine<un  
signed long, 32ul, 624ul, 397ul, 31ul, 2567483615ul, 11ul, 4294967295ul, 7ul,  
2636928640ul, 15ul, 4022730752ul, 18ul, 1812433253ul>  
>(std::mersenne\_twister\_engine<unsigned long, 32ul, 624ul, 397ul, 31ul,  
2567483615ul, 11ul, 4294967295ul, 7ul, 2636928640ul, 15ul, 4022730752ul,  
18ul, 1812433253ul>&, std::uniform\_int\_distribution<int>::param\_type const&)  
[/home/dael/projects/operating\_sys/EX4/q4/main]

string/./sysdeps/x86\_64/multiarch/./multiarch/strlen-/. (0.04% ) 808  
sse2.S:strlen [/usr/lib/x86\_64-linux-gnu/ld-linux-x86-64.so.2]

std::basic\_ostream<char, std::char\_traits<char> >& :??? (0.04% ) 800  
std::operator<< <std::char\_traits<char> >(std::basic\_ostream<char,  
std::char\_traits<char> >&, char const\*) [/usr/lib/x86\_64-linux-  
gnu/libstdc++.so.6.0.33]

string/./sysdeps/x86\_64/multiarch/./multiarch/strchr-/. (0.04% ) 792  
sse2.S:index [/usr/lib/x86\_64-linux-gnu/ld-linux-x86-64.so.2]

graph::Graph::~~Graph() :??? (0.04% ) 790  
[/home/dael/projects/operating\_sys/EX4/q4/main]

operator new(unsigned long) [/usr/lib/x86\_64-linux-:??? (0.04% ) 784  
gnu/libstdc++.so.6.0.33]

malloc/./malloc/malloc.c:ptmalloc\_init.part.0/. (0.04% ) 771

iconv/./iconv/gconv\_simple.c:\_\_gconv\_btroc\_ascii /. (0.04% ) 768  
[/usr/lib/x86\_64-linux-gnu/libc.so.6]

std::ctype<char>::\_M\_widen\_init() const [/usr/lib/x86\_64-:??? (0.04% ) 754  
linux-gnu/libstdc++.so.6.0.33]

elf/./elf/dl-load.c:open\_path [/usr/lib/x86\_64-linux-gnu/ld-/. (0.04% ) 722  
linux-x86-64.so.2]

elf/./dl-map-segments.h:\_dl\_map\_object\_from\_fd/. (0.03% ) 695

std::locale::\_Impl::\_Impl(unsigned long) [/usr/lib/x86\_64-:??? (0.03% ) 673  
linux-gnu/libstdc++.so.6.0.33]

libio/./libio/fileops.c:\_IO\_do\_write@@GLIBC\_2.2.5 /. (0.03% ) 653  
[/usr/lib/x86\_64-linux-gnu/libc.so.6]

elf/./elf/libc-dl-profstub.c:\_dl\_mcount\_wrapper\_check /. (0.03% ) 640  
[/usr/lib/x86\_64-linux-gnu/libc.so.6]

elf/./elf/dl-load.c:open\_verify.constprop.0 [/usr/lib/x86\_64-/. (0.03% ) 628  
linux-gnu/ld-linux-x86-64.so.2]

x0000000000146900 [/usr/lib/x86\_64-linux-0:??? (0.03% ) 621  
gnu/libstdc++.so.6.0.33]

string/./sysdeps/x86\_64/multiarch/memmove-vec-/. (0.03% ) 604  
unaligned-erms.S:memcpy [/usr/lib/x86\_64-linux-gnu/ld-linux-x86-64.so.2]

misc/./sysdeps/unix/sysv/linux/mmap64.c:mmap /. (0.03% ) 601  
[/usr/lib/x86\_64-linux-gnu/ld-linux-x86-64.so.2]

void std::\_Rb\_tree<std::pair<int, int>, std::pair<int, int>, :??? (0.03% ) 583  
std::\_Identity<std::pair<int, int> >, std::less<std::pair<int, int> >,  
std::allocator<std::pair<int, int> > >::\_M\_construct\_node<std::pair<int, int>  
const&>(std::\_Rb\_tree\_node<std::pair<int, int> >\*, std::pair<int, int> const&)  
[/home/dael/projects/operating\_sys/EX4/q4/main]

stdlib/./stdlib/getenv.c:getenv [/usr/lib/x86\_64-linux-/. (0.03% ) 578  
gnu/libc.so.6]

graph::Neighbor::Neighbor(int, int, graph::Neighbor\*) :??? (0.03% ) 570  
[/home/dael/projects/operating\_sys/EX4/q4/main]

graph::Graph::generateRandomGraph(int, int) :??? (0.03% ) 553  
[/home/dael/projects/operating\_sys/EX4/q4/main]

elf/./elf/dl-sort-maps.c:dfs\_traversal.part.0 [/usr/lib/x86\_64-/. (0.03% ) 548  
linux-gnu/ld-linux-x86-64.so.2]

elf/./elf/dl-catch.c:\_dl\_catch\_exception [/usr/lib/x86\_64-linux-/. (0.03% ) 546  
gnu/ld-linux-x86-64.so.2]

elf/./elf/dl-hwcaps\_split.c:\_dl\_hwcaps\_split\_masked /. (0.03% ) 544  
[/usr/lib/x86\_64-linux-gnu/ld-linux-x86-64.so.2]

libio/./libio/iofflush.c:fflush [/usr/lib/x86\_64-linux-/. (0.03% ) 540  
gnu/libc.so.6]

elf/./sysdeps/nptl/dl-tls\_init\_tp.c:rtdl\_mutex\_dummy /. (0.03% ) 534  
[/usr/lib/x86\_64-linux-gnu/ld-linux-x86-64.so.2]

std::mersenne\_twister\_engine<unsigned long, 32ul, :??? (0.03% ) 528  
624ul, 397ul, 31ul, 2567483615ul, 11ul, 4294967295ul, 7ul, 2636928640ul, 15ul,  
4022730752ul, 18ul, 1812433253ul>::operator>()  
[/home/dael/projects/operating\_sys/EX4/q4/main]

graph::Graph::cloneList(graph::Neighbor\*) :??? (0.03% ) 520  
[/home/dael/projects/operating\_sys/EX4/q4/main]

[???] x00000000048ecb800:??? (0.03% ) 517

elf/./sysdeps/x86/dl-cacheinfo.h:handle\_intel.constprop.0 /. (0.03% ) 516  
[/usr/lib/x86\_64-linux-gnu/ld-linux-x86-64.so.2]

wcsmbstools/./wcsmbstoolsload.h:btowc/. (0.03% ) 512

x0000000000142070 [/usr/lib/x86\_64-linux-0:??? (0.02% ) 506  
gnu/libstdc++.so.6.0.33]

elf/./elf/dl-init.c:call\_init.part.0 [/usr/lib/x86\_64-linux-gnu/ld-/. (0.02% ) 490  
linux-x86-64.so.2]

std::pair<int, int> const& std::forward<std::pair<int, int> :??? (0.02% ) 490  
const&>(std::remove\_reference<std::pair<int, int> const&>::type&)  
[/home/dael/projects/operating\_sys/EX4/q4/main]

std::locale::locale() [/usr/lib/x86\_64-linux-:??? (0.02% ) 484  
gnu/libstdc++.so.6.0.33]

graph::Graph::addEdge(int, int, int) :??? (0.02% ) 483  
[/home/dael/projects/operating\_sys/EX4/q4/main]

posix/./posix/getopt.c:\_getopt\_internal\_r [/usr/lib/x86\_64-/. (0.02% ) 481  
linux-gnu/libc.so.6]

std::ios\_base::ios\_base() [/usr/lib/x86\_64-linux-:??? (0.02% ) 480  
gnu/libstdc++.so.6.0.33]

graph::Algorithms::Euler\_circle(graph::Graph const&, int) :??? (0.02% ) 478  
[/home/dael/projects/operating\_sys/EX4/q4/main]

stdlib/./stdlib/cxa\_atexit.c:\_\_cxa\_atexit [/usr/lib/x86\_64-linux-/. (0.02% ) 468  
gnu/libc.so.6]

std::ostream::flush() [/usr/lib/x86\_64-linux-:??? (0.02% ) 461  
gnu/libstdc++.so.6.0.33]

libio/./libio/fileops.c:\_IO\_file\_write@@GLIBC\_2.2.5 /. (0.02% ) 456  
[/usr/lib/x86\_64-linux-gnu/libc.so.6]

elf/./dl-find\_object.h:\_dl\_find\_object\_from\_map /. (0.02% ) 441  
[/usr/lib/x86\_64-linux-gnu/ld-linux-x86-64.so.2]

stdlib/./stdlib/cxa\_atexit.c:\_\_new\_exitfn [/usr/lib/x86\_64-linux-/. (0.02% ) 440  
gnu/libc.so.6]

(0.02% ) 417  
std::\_\_cxx11::num\_punct<char>::\_M\_initialize\_num\_punct(\_\_locale\_struct\*) :???  
[/usr/lib/x86\_64-linux-gnu/libstdc++.so.6.0.33]

(0.02% ) 417  
std::num\_punct<char>::\_M\_initialize\_num\_punct(\_\_locale\_struct\*) :???  
[/usr/lib/x86\_64-linux-gnu/libstdc++.so.6.0.33]

graph::Graph::print\_graph() const :??? (0.02% ) 415  
[/home/dael/projects/operating\_sys/EX4/q4/main]

libio/./libio/fileops.c:\_IO\_file\_sync@@GLIBC\_2.2.5 /. (0.02% ) 399  
[/usr/lib/x86\_64-linux-gnu/libc.so.6]

gnu\_cxx::stdio\_sync\_filebuf<char, \_\_:??? (0.02% ) 390  
std::char\_traits<char> >::xspn(char const\*, long) [/usr/lib/x86\_64-linux-  
gnu/libstdc++.so.6.0.33]

elf/./get-dynamic-info.h:dl\_main/. (0.02% ) 386

string/./sysdeps/x86\_64/multiarch/memmove-vec-/. (0.02% ) 375  
unaligned-erms.S:mempcpy [/usr/lib/x86\_64-linux-gnu/ld-linux-x86-64.so.2]



elf/./elf/dl-sort-maps.c:\_dl\_sort\_maps [/usr/lib/x86\_64-linux-/. (0.02% ) 374  
gnu/ld-linux-x86-64.so.2]

cpu\_indicator\_init [/usr/lib/x86\_64-linux-\_\_ :??? (0.02% ) 364  
gnu/libgcc\_s.so.1]

(0.02% ) 353  
std::\_\_cxx11::numpunct<wchar\_t>::\_M\_initialize\_numpunct(\_\_locale\_struct:???)  
\*) [/usr/lib/x86\_64-linux-gnu/libstdc++.so.6.0.33]

(0.02% ) 353  
std::numpunct<wchar\_t>::\_M\_initialize\_numpunct(\_\_locale\_struct\*) :???  
[/usr/lib/x86\_64-linux-gnu/libstdc++.so.6.0.33]

std::ostream::put(char) [/usr/lib/x86\_64-linux-:??? (0.02% ) 352  
gnu/libstdc++.so.6.0.33]

std::\_Rb\_tree<std::pair<int, int>, std::pair<int, int>, :??? (0.02% ) 348  
std::\_Identity<std::pair<int, int> >, std::less<std::pair<int, int> >,  
std::allocator<std::pair<int, int> > >::\_M\_get\_insert\_unique\_pos(std::pair<int,  
int> const&) [/home/dael/projects/operating\_sys/EX4/q4/main]

elf/./elf/dl-tls.c:\_dl\_allocate\_tls\_storage [/usr/lib/x86\_64-/. (0.02% ) 340  
linux-gnu/ld-linux-x86-64.so.2]

libio/./libio/genops.c:\_IO\_default\_xsputn [/usr/lib/x86\_64-/. (0.02% ) 336  
linux-gnu/libc.so.6]

setjmp/./sysdeps/x86\_64/setjmp.S:\_\_sigsetjmp /. (0.02% ) 334  
[/usr/lib/x86\_64-linux-gnu/libc.so.6]

std::\_Rb\_tree\_node<std::pair<int, int> >::\_M\_valptr() :??? (0.02% ) 319  
[/home/dael/projects/operating\_sys/EX4/q4/main]

elf/./elf/dl-load.c:\_dl\_init\_paths [/usr/lib/x86\_64-linux-gnu/ld-/. (0.02% ) 318  
linux-x86-64.so.2]

unsigned int :??? (0.02% ) 315  
std::uniform\_int\_distribution<int>::\_S\_nd<unsigned long,  
std::mersenne\_twister\_engine<unsigned long, 32ul, 624ul, 397ul, 31ul,  
2567483615ul, 11ul, 4294967295ul, 7ul, 2636928640ul, 15ul, 4022730752ul,  
18ul, 1812433253ul>, unsigned int>(std::mersenne\_twister\_engine<unsigned  
long, 32ul, 624ul, 397ul, 31ul, 2567483615ul, 11ul, 4294967295ul, 7ul,  
2636928640ul, 15ul, 4022730752ul, 18ul, 1812433253ul>&, unsigned int)  
[/home/dael/projects/operating\_sys/EX4/q4/main]

std::\_Rb\_tree<std::pair<int, int>, std::pair<int, int>, :??? (0.02% ) 308  
 std::\_Identity<std::pair<int, int> >, std::less<std::pair<int, int> >,  
 std::allocator<std::pair<int, int> > >::\_M\_get\_Node\_allocator()  
 [/home/dael/projects/operating\_sys/EX4/q4/main]

elf/./elf/dl-load.c:\_dl\_process\_pt\_gnu\_property /. (0.02% ) 306  
 [/usr/lib/x86\_64-linux-gnu/ld-linux-x86-64.so.2]

elf/./elf/dl-object.c:\_dl\_add\_to\_namespace\_list /. (0.01% ) 301  
 [/usr/lib/x86\_64-linux-gnu/ld-linux-x86-64.so.2]

stdlib/./stdlib/strtol\_l.c:\_\_\_strtol\_l\_internal [/usr/lib/x86\_64-/. (0.01% ) 300  
 linux-gnu/libc.so.6]

x000000000000ed260 [/usr/lib/x86\_64-linux-0:??? (0.01% ) 298  
 gnu/libstdc++.so.6.0.33]

graph::Graph::isInside(std::set<std::pair<int, int>, :??? (0.01% ) 298  
 std::less<std::pair<int, int> >, std::allocator<std::pair<int, int> > >, int, int)  
 [/home/dael/projects/operating\_sys/EX4/q4/main]

elf/./elf/dl-fini.c:\_dl\_fini [/usr/lib/x86\_64-linux-gnu/ld-linux-/. (0.01% ) 297  
 x86-64.so.2]

gnu\_cxx::\_\_aligned\_membuf<std::pair<int, int> \_\_:??? (0.01% ) 290  
 >::\_M\_ptr() [/home/dael/projects/operating\_sys/EX4/q4/main]

std::\_Rb\_tree<std::pair<int, int>, std::pair<int, int>, :??? (0.01% ) 286  
 std::\_Identity<std::pair<int, int> >, std::less<std::pair<int, int> >,  
 std::allocator<std::pair<int, int> >  
 >::\_M\_destroy\_node(std::\_Rb\_tree\_node<std::pair<int, int> >\*)  
 [/home/dael/projects/operating\_sys/EX4/q4/main]

std::\_\_new\_allocator<std::\_Rb\_tree\_node<std::pair<int, :??? (0.01% ) 286  
 int> > >::allocate(unsigned long, void const\*)  
 [/home/dael/projects/operating\_sys/EX4/q4/main]

std::\_Rb\_tree\_iterator<std::pair<int, int> > :??? (0.01% ) 283  
 std::\_Rb\_tree<std::pair<int, int>, std::pair<int, int>, std::\_Identity<std::pair<int,  
 int> >, std::less<std::pair<int, int> >, std::allocator<std::pair<int, int> >  
 >::\_M\_insert\_<std::pair<int, int> const&, std::\_Rb\_tree<std::pair<int, int>,  
 std::pair<int, int>, std::\_Identity<std::pair<int, int> >, std::less<std::pair<int, int>  
 >, std::allocator<std::pair<int, int> > >::\_Alloc\_node>(std::\_Rb\_tree\_node\_base\*,  
 std::\_Rb\_tree\_node\_base\*, std::pair<int, int> const&,  
 std::\_Rb\_tree<std::pair<int, int>, std::pair<int, int>, std::\_Identity<std::pair<int,

```

int> >, std::less<std::pair<int, int> >, std::allocator<std::pair<int, int> >
>::_Alloc_node&) [/home/dael/projects/operating_sys/EX4/q4/main]

elf/./elf/dl-find_object.c:_dlfo_process_initial [/usr/lib/x86_64-/. (0.01% ) 282
linux-gnu/ld-linux-x86-64.so.2]

elf/./elf/dl-tunables.c:__GI__tunable_set_val /. (0.01% ) 280
[/usr/lib/x86_64-linux-gnu/ld-linux-x86-64.so.2]

elf/./elf/dl-load.c:_dl_dst_count [/usr/lib/x86_64-linux-gnu/ld-/. (0.01% ) 276
linux-x86-64.so.2]

std::_Rb_tree_node<std::pair<int, int> >::_M_valptr() const :??? (0.01% ) 275
[/home/dael/projects/operating_sys/EX4/q4/main]

elf/./elf/dl-environ.c:_dl_next_ld_env_entry [/usr/lib/x86_64-/. (0.01% ) 274
linux-gnu/ld-linux-x86-64.so.2]

elf/./elf/dl-lookup-direct.c:_dl_lookup_direct [/usr/lib/x86_64-/. (0.01% ) 274
linux-gnu/ld-linux-x86-64.so.2]

std::ios_base::Init::Init() [/usr/lib/x86_64-linux-:??? (0.01% ) 272
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libio/./libio/libioP.h:fflush/. (0.01% ) 270

elf/./get-dynamic-info.h:_dl_start/. (0.01% ) 268

elf/./elf/dl-deps.c:openaux [/usr/lib/x86_64-linux-gnu/ld-linux-/. (0.01% ) 264
x86-64.so.2]

[???] x00000000048eb0400:??? (0.01% ) 261

std::_Rb_tree<std::pair<int, int>, std::pair<int, int>, :??? (0.01% ) 260
std::_Identity<std::pair<int, int> >, std::less<std::pair<int, int> >,
std::allocator<std::pair<int, int> > >::_Rb_tree_impl<std::less<std::pair<int, int>
>, true>::_Rb_tree_impl(std::_Rb_tree<std::pair<int, int>, std::pair<int, int>,
std::_Identity<std::pair<int, int> >, std::less<std::pair<int, int> >,
std::allocator<std::pair<int, int> > >::_Rb_tree_impl<std::less<std::pair<int, int>
>, true> const&) [/home/dael/projects/operating_sys/EX4/q4/main]

(0.01% ) 258
io/./sysdeps/unix/sysv/linux/open64_nocancel.c:__open_nocancel /.
[/usr/lib/x86_64-linux-gnu/ld-linux-x86-64.so.2]

string/./string/strcspn.c:strcspn [/usr/lib/x86_64-linux-gnu/ld-/. (0.01% ) 254
linux-x86-64.so.2]

```

std::\_Rb\_tree<std::pair<int, int>, std::pair<int, int>, :??? (0.01% ) 253  
 std::\_Identity<std::pair<int, int> >, std::less<std::pair<int, int> >,  
 std::allocator<std::pair<int, int> >  
 >::\_M\_put\_node(std::\_Rb\_tree\_node<std::pair<int, int> >\*)  
 [/home/dael/projects/operating\_sys/EX4/q4/main]

std::ostream::operator<<(int) [/usr/lib/x86\_64-linux-:??? (0.01% ) 253  
 gnu/libstdc++.so.6.0.33]

gnu\_cxx::\_\_aligned\_membuf<std::pair<int, int> \_\_:??? (0.01% ) 250  
 >::\_M\_ptr() const [/home/dael/projects/operating\_sys/EX4/q4/main]

elf/./elf/dl-find\_object.c:\_dlfo\_sort\_mappings [/usr/lib/x86\_64-/. (0.01% ) 248  
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elf/./elf/dl-minimal.c:strsep [/usr/lib/x86\_64-linux-gnu/ld-/. (0.01% ) 248  
 linux-x86-64.so.2]

elf/./elf/rtld.c:\_dl\_start [/usr/lib/x86\_64-linux-gnu/ld-linux-x86-/. (0.01% ) 247  
 64.so.2]

elf/./elf/dl-call\_fini.c:\_dl\_call\_fini [/usr/lib/x86\_64-linux-/. (0.01% ) 246  
 gnu/ld-linux-x86-64.so.2]

std::\_Rb\_tree<std::pair<int, int>, std::pair<int, int>, :??? (0.01% ) 246  
 std::\_Identity<std::pair<int, int> >, std::less<std::pair<int, int> >,  
 std::allocator<std::pair<int, int> > >::\_M\_erase(std::\_Rb\_tree\_node<std::pair<int,  
 int> >\*) [/home/dael/projects/operating\_sys/EX4/q4/main]

stdlib/./stdlib/exit.c:\_\_run\_exit\_handlers [/usr/lib/x86\_64-/. (0.01% ) 244  
 linux-gnu/libc.so.6]

std::\_Rb\_tree\_node<std::pair<int, int> > :??? (0.01% ) 242  
 std::\_Rb\_tree<std::pair<int, int>, std::pair<int, int>, std::\_Identity<std::pair<int,  
 int> >, std::less<std::pair<int, int> >, std::allocator<std::pair<int, int> >  
 >::\_M\_create\_node<std::pair<int, int> const&>(std::pair<int, int> const&)  
 [/home/dael/projects/operating\_sys/EX4/q4/main]

std::uniform\_int\_distribution<int>::param\_type::a() const :??? (0.01% ) 240  
 [/home/dael/projects/operating\_sys/EX4/q4/main]

graph::Graph::Graph(graph::Graph const&) :??? (0.01% ) 236  
 [/home/dael/projects/operating\_sys/EX4/q4/main]

elf/./sysdeps/x86/dl-/. (0.01% ) 231  
 cacheinfo.h:init\_cpu\_features.constprop.0

graph::Graph::Graph(int) :??? (0.01% ) 225  
[/home/dael/projects/operating\_sys/EX4/q4/main]

std::ios\_base::\_M\_init() [/usr/lib/x86\_64-linux-:??? (0.01% ) 224  
gnu/libstdc++.so.6.0.33]

std::pair<std::\_Rb\_tree\_iterator<std::pair<int, int> >, bool> :??? (0.01% ) 224  
std::\_Rb\_tree<std::pair<int, int>, std::pair<int, int>, std::\_Identity<std::pair<int, int> >, std::less<std::pair<int, int> >, std::allocator<std::pair<int, int> >  
>::\_M\_insert\_unique<std::pair<int, int> const&>(std::pair<int, int> const&)  
[/home/dael/projects/operating\_sys/EX4/q4/main]

elf/../sysdeps/x86/dl-/. (0.01% ) 223  
cacheinfo.h:get\_common\_cache\_info.constprop.0 [/usr/lib/x86\_64-linux-gnu/ld-  
linux-x86-64.so.2]

[???] x00000000048ea8000:??? (0.01% ) 223

main [/home/dael/projects/operating\_sys/EX4/q4/main]:??? (0.01% ) 223

elf/./elf/dl-hwcaps.c:\_dl\_important\_hwcaps [/usr/lib/x86\_64-/. (0.01% ) 222  
linux-gnu/ld-linux-x86-64.so.2]

elf/../sysdeps/unix/sysv/linux/dl-/. (0.01% ) 211  
sysdep.c:\_dl\_sysdep\_parse\_arguments [/usr/lib/x86\_64-linux-gnu/ld-linux-x86-  
64.so.2]

int :??? (0.01% ) 210  
std::uniform\_int\_distribution<int>::operator()<std::mersenne\_twister\_engine<un  
signed long, 32ul, 624ul, 397ul, 31ul, 2567483615ul, 11ul, 4294967295ul, 7ul,  
2636928640ul, 15ul, 4022730752ul, 18ul, 1812433253ul>  
>(std::mersenne\_twister\_engine<unsigned long, 32ul, 624ul, 397ul, 31ul,  
2567483615ul, 11ul, 4294967295ul, 7ul, 2636928640ul, 15ul, 4022730752ul,  
18ul, 1812433253ul>&) [/home/dael/projects/operating\_sys/EX4/q4/main]

std::\_Rb\_tree<std::pair<int, int>, std::pair<int, int>, :??? (0.01% ) 210  
std::\_Identity<std::pair<int, int> >, std::less<std::pair<int, int> >,  
std::allocator<std::pair<int, int> > >::\_S\_key(std::\_Rb\_tree\_node<std::pair<int,  
int> > const\*) [/home/dael/projects/operating\_sys/EX4/q4/main]

std::locale::facet::\_S\_get\_c\_locale() [/usr/lib/x86\_64-linux-:??? (0.01% ) 210  
gnu/libstdc++.so.6.0.33]

elf/./elf/dl-tls.c:\_dl\_allocate\_tls\_init [/usr/lib/x86\_64-linux-/. (0.01% ) 209  
gnu/ld-linux-x86-64.so.2]

```

std::_Rb_tree<std::pair<int, int>, std::pair<int, int>, ??? (0.01% ) 209
std::_Identity<std::pair<int, int> >, std::less<std::pair<int, int> >,
std::allocator<std::pair<int, int> >
>::_M_drop_node(std::_Rb_tree_node<std::pair<int, int> >*)
[/home/dael/projects/operating_sys/EX4/q4/main]

std::_Rb_tree<std::pair<int, int>, std::pair<int, int>, ??? (0.01% ) 209
std::_Identity<std::pair<int, int> >, std::less<std::pair<int, int> >,
std::allocator<std::pair<int, int> >::_M_get_node()
[/home/dael/projects/operating_sys/EX4/q4/main]

operator new(unsigned long, void*) :??? (0.01% ) 208
[/home/dael/projects/operating_sys/EX4/q4/main]

std::_Rb_tree<std::pair<int, int>, std::pair<int, int>, ??? (0.01% ) 206
std::_Identity<std::pair<int, int> >, std::less<std::pair<int, int> >,
std::allocator<std::pair<int, int> >::_M_erase(std::_Rb_tree_node<std::pair<int,
int> >*)'2 [/home/dael/projects/operating_sys/EX4/q4/main]

std::deque<int, std::allocator<int> >::push_back(int :??? (0.01% ) 204
const&) [/home/dael/projects/operating_sys/EX4/q4/main]

gnu_cxx::__aligned_membuf<std::pair<int, int> __:??? (0.01% ) 203
>::_M_addr() [/home/dael/projects/operating_sys/EX4/q4/main]

std::_Rb_tree_node<std::pair<int, int> >* :??? (0.01% ) 203
std::_Rb_tree<std::pair<int, int>, std::pair<int, int>, std::_Identity<std::pair<int,
int> >, std::less<std::pair<int, int> >, std::allocator<std::pair<int, int> >
>::_M_clone_node<false, std::_Rb_tree<std::pair<int, int>, std::pair<int, int>,
std::_Identity<std::pair<int, int> >, std::less<std::pair<int, int> >,
std::allocator<std::pair<int, int> >
>::_Alloc_node>(std::_Rb_tree_node<std::pair<int, int> >*,
std::_Rb_tree<std::pair<int, int>, std::pair<int, int>, std::_Identity<std::pair<int,
int> >, std::less<std::pair<int, int> >, std::allocator<std::pair<int, int> >
>::_Alloc_node&) [/home/dael/projects/operating_sys/EX4/q4/main]

std::_Rb_tree_node<std::pair<int, int> >* :??? (0.01% ) 198
std::_Rb_tree<std::pair<int, int>, std::pair<int, int>, std::_Identity<std::pair<int,
int> >, std::less<std::pair<int, int> >, std::allocator<std::pair<int, int> >
>::_Alloc_node::operator()<std::pair<int, int> const&>(std::pair<int, int> const&)
const [/home/dael/projects/operating_sys/EX4/q4/main]

x00000000000e98b0 [/usr/lib/x86_64-linux-0:??? (0.01% ) 197
gnu/libstdc++.so.6.0.33]

```

std::\_Rb\_tree\_node<std::pair<int, int> >\*:??? (0.01% ) 195  
std::\_Rb\_tree<std::pair<int, int>, std::pair<int, int>, std::\_Identity<std::pair<int, int> >, std::less<std::pair<int, int> >, std::allocator<std::pair<int, int> > >::\_M\_copy<false, std::\_Rb\_tree<std::pair<int, int>, std::pair<int, int>, std::\_Identity<std::pair<int, int> >, std::less<std::pair<int, int> >, std::allocator<std::pair<int, int> > >::\_Alloc\_node>(std::\_Rb\_tree\_node<std::pair<int, int> >\*, std::\_Rb\_tree\_node\_base\*, std::\_Rb\_tree<std::pair<int, int>, std::pair<int, int>, std::\_Identity<std::pair<int, int> >, std::less<std::pair<int, int> >, std::allocator<std::pair<int, int> > >::\_Alloc\_node&)  
[/home/dael/projects/operating\_sys/EX4/q4/main]

elf/./elf/dl-setup\_hash.c:\_dl\_setup\_hash [/usr/lib/x86\_64-/. (0.01% ) 189  
linux-gnu/ld-linux-x86-64.so.2]

bool std::operator< <int, int>(std::pair<int, int> const&, :??? (0.01% ) 189  
std::pair<int, int> const&) [/home/dael/projects/operating\_sys/EX4/q4/main]

std::\_Rb\_tree\_node<std::pair<int, int> >\*:??? (0.01% ) 188  
std::\_Rb\_tree<std::pair<int, int>, std::pair<int, int>, std::\_Identity<std::pair<int, int> >, std::less<std::pair<int, int> >, std::allocator<std::pair<int, int> > >::\_M\_copy<false, std::\_Rb\_tree<std::pair<int, int>, std::pair<int, int>, std::\_Identity<std::pair<int, int> >, std::less<std::pair<int, int> >, std::allocator<std::pair<int, int> > >::\_Alloc\_node>(std::\_Rb\_tree<std::pair<int, int>, std::pair<int, int>, std::\_Identity<std::pair<int, int> >, std::less<std::pair<int, int> >, std::allocator<std::pair<int, int> > > const&, std::\_Rb\_tree<std::pair<int, int>, std::pair<int, int>, std::\_Identity<std::pair<int, int> >, std::less<std::pair<int, int> >, std::allocator<std::pair<int, int> > >::\_Alloc\_node&)  
[/home/dael/projects/operating\_sys/EX4/q4/main]

elf/./sysdeps/unix/sysv/linux/dl-/. (0.01% ) 187  
parse\_auxv.h:\_dl\_sysdep\_parse\_arguments

libio/./libio/putc.c:putc [/usr/lib/x86\_64-linux-gnu/libc.so.6]/. (0.01% ) 184

std::locale::operator=(std::locale const&) [/usr/lib/x86\_64-:??? (0.01% ) 184  
linux-gnu/libstdc++.so.6.0.33]

std::\_Rb\_tree<std::pair<int, int>, std::pair<int, int>, :??? (0.01% ) 180  
std::\_Identity<std::pair<int, int> >, std::less<std::pair<int, int> >, std::allocator<std::pair<int, int> > >::begin() const  
[/home/dael/projects/operating\_sys/EX4/q4/main]

string/./sysdeps/x86\_64/multiarch/strcmp-/. (0.01% ) 178  
avx2.S:\_\_strncmp\_avx2 [/usr/lib/x86\_64-linux-gnu/libc.so.6]

elf/./sysdeps/x86/cpu-features.c:update\_active.constprop.0/. (0.01% ) 176  
[/usr/lib/x86\_64-linux-gnu/ld-linux-x86-64.so.2]

elf/./sysdeps/x86/cpu-/. (0.01% ) 175  
features.c:init\_cpu\_features.constprop.0 [/usr/lib/x86\_64-linux-gnu/ld-linux-x86-64.so.2]

gnu\_cxx::\_\_aligned\_membuf<std::pair<int, int> \_\_:??? (0.01% ) 175  
>::\_M\_addr() const [/home/dael/projects/operating\_sys/EX4/q4/main]  
[???] x00000000048ed3600:??? (0.01% ) 173

elf/./elf/dl-minimal-malloc.c:\_\_minimal\_calloc /. (0.01% ) 170  
[/usr/lib/x86\_64-linux-gnu/ld-linux-x86-64.so.2]

libio/./libio/genops.c:\_IO\_cleanup [/usr/lib/x86\_64-linux-/. (0.01% ) 170  
gnu/libc.so.6]

std::\_Rb\_tree<std::pair<int, int>, std::pair<int, int>, :??? (0.01% ) 168  
std::\_Identity<std::pair<int, int> >, std::less<std::pair<int, int> >,  
std::allocator<std::pair<int, int> > >::\_S\_left(std::\_Rb\_tree\_node\_base\*)  
[/home/dael/projects/operating\_sys/EX4/q4/main]

std::\_Rb\_tree\_const\_iterator<std::pair<int, int> :??? (0.01% ) 168  
>::operator++() [/home/dael/projects/operating\_sys/EX4/q4/main]

std::basic\_ostream<char, std::char\_traits<char> >& :??? (0.01% ) 168  
std::endl<char, std::char\_traits<char> >(std::basic\_ostream<char,  
std::char\_traits<char> >&) [/usr/lib/x86\_64-linux-gnu/libstdc++.so.6.0.33]

elf/./elf/dl-misc.c:\_dl\_higher\_prime\_number [/usr/lib/x86\_64-/. (0.01% ) 159  
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libio/./libio/genops.c:\_IO\_flush\_all [/usr/lib/x86\_64-linux-/. (0.01% ) 159  
gnu/libc.so.6]

std::\_Rb\_tree<std::pair<int, int>, std::pair<int, int>, :??? (0.01% ) 159  
std::\_Identity<std::pair<int, int> >, std::less<std::pair<int, int> >,  
std::allocator<std::pair<int, int> > >::\_Rb\_tree(std::\_Rb\_tree<std::pair<int, int>,  
std::pair<int, int>, std::\_Identity<std::pair<int, int> >, std::less<std::pair<int, int>  
>, std::allocator<std::pair<int, int> > > const&)  
[/home/dael/projects/operating\_sys/EX4/q4/main]

elf/./elf/dl-init.c:\_dl\_init [/usr/lib/x86\_64-linux-gnu/ld-linux-/. (0.01% ) 158  
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elf/./sysdeps/x86/dl-prop.h:\_dl\_process\_pt\_gnu\_property/. (0.01% ) 156



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:The following files chosen for auto-annotation could not be found

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elf/../../bits/stdlib-bsearch.h/.  
elf/../../elf/dl-tls.c/.  
elf/../../sysdeps/generic/dl-new-hash.h/.  
elf/../../sysdeps/generic/dl-protected.h/.  
elf/../../sysdeps/generic/ldsodefs.h/.  
elf/../../sysdeps/nptl/dl-tls\_init\_tp.c/.  
elf/../../sysdeps/unix/sysv/linux/dl-parse\_auxv.h/.  
elf/../../sysdeps/unix/sysv/linux/dl-sysdep.c/.  
elf/../../sysdeps/x86/cpu-features.c/.  
elf/../../sysdeps/x86/dl-cacheinfo.h/.  
elf/../../sysdeps/x86/dl-prop.h/.  
elf/../../sysdeps/x86\_64/dl-machine.h/.  
elf/../../sysdeps/x86\_64/dl-trampoline.h/.  
elf/./dl-find\_object.h/.  
elf/./dl-map-segments.h/.  
elf/./elf/dl-cache.c/.  
elf/./elf/dl-call\_fini.c/.  
elf/./elf/dl-catch.c/.  
elf/./elf/dl-deps.c/.  
elf/./elf/dl-environ.c/.  
elf/./elf/dl-find\_object.c/.  
elf/./elf/dl-fini.c/.  
elf/./elf/dl-hwcaps.c/.  
elf/./elf/dl-hwcaps\_split.c/.

elf/./elf/dl-init.c/.  
elf/./elf/dl-load.c/.  
elf/./elf/dl-lookup-direct.c/.  
elf/./elf/dl-lookup.c/.  
elf/./elf/dl-minimal-malloc.c/.  
elf/./elf/dl-minimal.c/.  
elf/./elf/dl-misc.c/.  
elf/./elf/dl-object.c/.  
elf/./elf/dl-reloc.c/.  
elf/./elf/dl-runtime.c/.  
elf/./elf/dl-setup\_hash.c/.  
elf/./elf/dl-sort-maps.c/.  
elf/./elf/dl-tunables.c/.  
elf/./elf/dl-tunables.h/.  
elf/./elf/dl-version.c/.  
elf/./elf/do-rel.h/.  
elf/./elf/get-dynamic-info.h/.  
elf/./elf/libc-dl-profstub.c/.  
elf/./elf/rtld.c/.  
elf/./get-dynamic-info.h/.  
iconv/./iconv/gconv\_simple.c/.  
io/./sysdeps/unix/sysv/linux/open64\_nocancel.c/.  
libio/./libio/fileops.c/.  
libio/./libio/genops.c/.  
libio/./libio/ioflush.c/.  
libio/./libio/iofwrite.c/.  
libio/./libio/libioP.h/.  
libio/./libio/putc.c/.

malloc/./malloc/malloc.c/.  
misc/./sysdeps/unix/sysv/linux/mmap64.c/.  
posix/./posix/getopt.c/.  
setjmp/./sysdeps/x86\_64/setjmp.S/.  
stdlib/./stdlib/strtol\_l.c/.  
stdlib/./stdlib/cxa\_atexit.c/.  
stdlib/./stdlib/cxa\_finalize.c/.  
stdlib/./stdlib/exit.c/.  
stdlib/./stdlib/getenv.c/.  
string/./string/strcspn.c/.  
string/./sysdeps/x86\_64/multiarch/./multiarch/memset-vec-unaligned-/.  
erms.S  
string/./sysdeps/x86\_64/multiarch/./multiarch/strchr-sse2.S/.  
string/./sysdeps/x86\_64/multiarch/./multiarch/strcmp-sse2.S/.  
string/./sysdeps/x86\_64/multiarch/./multiarch/strlen-sse2.S/.  
string/./sysdeps/x86\_64/multiarch/memcmp-avx2-movbe.S/.  
string/./sysdeps/x86\_64/multiarch/memmove-vec-unaligned-erms.S/.  
string/./sysdeps/x86\_64/multiarch/strcmp-avx2.S/.  
string/./sysdeps/x86\_64/multiarch/strlen-avx2.S/.  
wcsmb/./wcsmb/btowc.c/.  
wcsmb/./wcsmb/wctob.c/.  
wcsmb/./wcsmb/load.h/.  
wctype/./wctype/wctype\_l.c/.