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Activities Terminal v Wed 22:38
vduuser@vduuser-VirtualBox -
File Edit View Search Terminal Help
Ctrl-Message: 15:00:18.0412 Failed to load module 'canberra-gtk-module'

[1]+ Done leafpad suniton.c
vduuser@vduuser-VirtualBox:~$ gcc suniton.c
suniton.c: In function 'main':
suniton.c:13:13: error: 'a' undeclared (first use in this function)
    int i,sum=0;
    ^
suniton.c:13:13: note: each undeclared identifier is reported only once for each function it appears in
vduuser@vduuser-VirtualBox:~$ ls
Desktop Documents Downloads examples.desktop Music Pictures r1scv_workshop_callaterals snap suniton.c Templates Videos
vduuser@vduuser-VirtualBox:~$ leafpad suniton.c &
[1] 8935
vduuser@vduuser-VirtualBox:~$ Ctrl-Message: 15:00:18.0412 Failed to load module 'gall'
Ctrl-Message: 15:00:18.0412 Failed to load module 'atk-brIDGE'
Ctrl-Message: 15:00:18.0412 Failed to load module 'canberra-gtk-module'

[1]+ Done leafpad suniton.c
vduuser@vduuser-VirtualBox:~$ gcc suniton.c
vduuser@vduuser-VirtualBox:~$ ls
Desktop Documents Downloads examples.desktop Music Pictures r1scv_workshop_callaterals suniton.c Templates Videos
vduuser@vduuser-VirtualBox:~$ ./a.out
sum of numbers from 1 to 5 is 15
vduuser@vduuser-VirtualBox:~$ Ctrl-Message: 15:00:18.0412 Failed to load module 'gall'
Ctrl-Message: 15:00:18.0412 Failed to load module 'canberra-gtk-module'

vduuser@vduuser-VirtualBox:~$ gcc suniton.c
vduuser@vduuser-VirtualBox:~$ ./a.out
sum of numbers from 1 to 5 is 15
vduuser@vduuser-VirtualBox:~$ leafpad suniton.c &
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vduuser@vduuser-VirtualBox:~$ cat suniton.c
00000000001000: <init>:
10000: 00013157: lwl #0,0x21
10004: f7018113: addl %0,%0,16
10008: 00f70013: ll %1,%1
1000c: 00000033: ll %1,%1
10010: 18010113: addl #0,%0,384 # 21108 <_cld12+0x40>
10014: 00113423: sd %0,%0,8(sp)
10018: 3400000f: jal %0,%0,1048 <printf>
1001c: 00011003: ld %0,%0,8(sp)
10020: 00000013: ll %0,%0
10024: 01010113: addl %0,%0,16
10028: 00000007: ret

00000000001000: register_fini:
1000c: f7f7f797: stopc a5,0xffff0
10010: f7f7f797: addl a5,%0,220 # 0 <010000>
10014: 00070063: beqz a5,100f4 <register_fini+0x10>
10018: 00000007: stopc #0,%0
1001c: 18010113: addl #0,%0,272 # 1010f <_libc_fini_array>
10020: 00000007: j 10100 <atext0>
10024: 00000007: ret

00000000001000: _start:
1000c: 00013157: stopc 00,0x13
10010: 91010103: addl $0,%0,1776 # 22408 <_global_pointers>
10014: 77018113: addl #0,%0,1904 # 23178 <_edata>
10018: 00013417: stopc a2,%0,13
1001c: 18000013: addl a2,a2,260 # 23208 <_BSS_END____>
10020: 00000013: sd a2,a2,0x8
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vduuser@vduuser-VirtualBox -
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vduuser@vduuser-VirtualBox:~$ cat suniton.c
#include <stdio.h>
int main() {
    int i,sum=0;
    for(i=1;i<=5;i++) {
        sum+=i;
    }
    printf("sum of numbers from 1 to 5d is %d\n",sum);
    return 0;
}
vduuser@vduuser-VirtualBox:~$ riscv64-unknown-elf-gcc -O1 -mabi=lp64 -march=rv64 -o suniton.o suniton.c
riscv64-unknown-elf-gcc: command not found
vduuser@vduuser-VirtualBox:~$ riscv64-unknown-elf-gcc -O1 -mabi=lp64 -march=rv64 -o suniton.o suniton.c
riscv64-unknown-elf-gcc: error: -march=rv64: No such file or directory
vduuser@vduuser-VirtualBox:~$ riscv64-unknown-elf-gcc -O1 -mabi=lp64 -march=rv64 -o suniton.o suniton.c
cc1: error: -march=rv64: ISA string must begin with rv32 or rv64
cc1: error: ABI requires -march=rv64
vduuser@vduuser-VirtualBox:~$ riscv64-unknown-elf-gcc -O1 -mabi=lp64 -march=rv64 -o suniton.o suniton.c
vduuser@vduuser-VirtualBox:~$ ls -ltr suniton.o
-rwxrwxr-x 1 vduuser vduuser 107312 Jan 7 15:22 suniton.o
vduuser@vduuser-VirtualBox:~$ riscv64-unknown-elf-gcc -O1 -mabi=lp64 -march=rv64 -o suniton.o suniton.c
vduuser@vduuser-VirtualBox:~$
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