

Script started on Fri 22 Aug 2014 12:30:15 PM CDT

```
[0;rbaldwin@localhost:/home/rbaldwin/Documents]7;file:///localhost.localdomain/home/rbaldwin/
Documents[?1034h[root@localhost Documents]# exit[Kexit[2Plsexit[2Plscdbreak mainfile
simple > filesimple.txt[2Pldd simple > lddsimple.txt[5Pman ldd > lddtest.txtg++ -g -lm
-std=c++11 -o simple simple.cpp > osimple.txt [11P[C [22Pcc -v > gccversion.txt[K./simpleg++
-std=c++11 simple.cpp -o simple [C./simple[Kg++ -std=c++11 simple.cpp -o simple
[C./simple[Kg++ -std=c++11 simple.cpp -o simple [C./simple[Kg++ -std=c++11 simple.cpp -o
simple [C./simple[K[2Pgcc -v > gccversion.txt++ -g -lm -o simple simple.cpp >
osimple.txt[11@std=c++11 -[C [35Pman ldd > lddtest.txtldd simple > lddsimple.txtfile simple >
filesimple.txt[18Pbreak maincd[Klsexit[2Plsexit[Kyum -y install gcc && yum -y install gcc-c++ &&
yum -y install vim-enhanced && yum -y install emacs && yum -y install gdb && yum -y install
ethtool && yum -y install hdparm && yum -y install pci utils && yum -y install file && more
/proc/cpuinfo && more /proc/meminfo && /sbin/lspci && /sbin/hdparm -i /dev/sda &&
/sbin/hdparm -l /dev/hda && /sbin/ethtool eth0 && /sbin/ifconfig eth0 && more /proc/interrupts
&& gcc -v && gcc -g -lm -std=c99 -o simple simple.c && man ldd
```

^[[B^[[B Loaded plugins: fastestmirror, langpacks

Loading mirror speeds from cached hostfile

- * base: mirror.teklinks.com
- * extras: dist1.800hosting.com
- * updates: dist1.800hosting.com

Package gcc-4.8.2-16.2.el7_0.x86_64 already installed and latest version

Nothing to do

Loaded plugins: fastestmirror, langpacks

Loading mirror speeds from cached hostfile

- * base: mirror.teklinks.com
- * extras: centos.arvixe.com
- * updates: centos.mia.host-engine.com

Package gcc-c++-4.8.2-16.2.el7_0.x86_64 already installed and latest version

Nothing to do

Loaded plugins: fastestmirror, langpacks

Loading mirror speeds from cached hostfile

- * base: mirror.teklinks.com
- * extras: centos.arvixe.com
- * updates: centos.mia.host-engine.com

Package 2:vim-enhanced-7.4.160-1.el7.x86_64 already installed and latest version

Nothing to do

Loaded plugins: fastestmirror, langpacks

Loading mirror speeds from cached hostfile

- * base: mirror.teklinks.com
- * extras: dist1.800hosting.com
- * updates: centos.mia.host-engine.com

Package 1:emacs-24.3-11.el7.x86_64 already installed and latest version

Nothing to do

Loaded plugins: fastestmirror, langpacks
Loading mirror speeds from cached hostfile

- * base: mirror.teklinks.com
- * extras: mirror.fdcservers.net
- * updates: centos.mia.host-engine.com

Package gdb-7.6.1-51.el7.x86_64 already installed and latest version

Nothing to do

Loaded plugins: fastestmirror, langpacks
Loading mirror speeds from cached hostfile

- * base: mirror.teklinks.com
- * extras: mirror.es.its.nyu.edu
- * updates: mirror.raystedman.net

Package 2:ethtool-3.8-3.el7.x86_64 already installed and latest version

Nothing to do

Loaded plugins: fastestmirror, langpacks
Loading mirror speeds from cached hostfile

- * base: mirror.teklinks.com
- * extras: mirror.es.its.nyu.edu
- * updates: mirror.raystedman.net

Package hdparm-9.43-5.el7.x86_64 already installed and latest version

Nothing to do

Loaded plugins: fastestmirror, langpacks
Loading mirror speeds from cached hostfile

- * base: mirror.teklinks.com
- * extras: mirror.fdcservers.net
- * updates: centos.mia.host-engine.com

Package pciutils-3.2.1-4.el7.x86_64 already installed and latest version

Nothing to do

Loaded plugins: fastestmirror, langpacks
Loading mirror speeds from cached hostfile

- * base: mirror.teklinks.com
- * extras: mirror.fdcservers.net
- * updates: centos.mia.host-engine.com

Package file-5.11-21.el7.x86_64 already installed and latest version

Nothing to do

processor : 0
vendor_id : GenuineIntel
cpu family : 6
model : 69
model name : Intel(R) Core(TM) i5-4200U CPU @ 1.60GHz
stepping : 1
microcode : 0x19
cpu MHz : 2254.489

cache size : 6144 KB
physical id : 0
siblings : 2
core id : 0
cpu cores : 2
apicid : 0
initial apicid : 0
fpu : yes
fpu_exception : yes
cpuid level : 5
wp : yes
flags : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush
mmx fxsr sse s
se2 ht syscall nx rdtscp lm constant_tsc rep_good nopl pni ssse3 lahf_lm
bogomips : 4508.97
clflush size : 64
cache_alignment : 64
address sizes : 39 bits physical, 48 bits virtual
power management:

processor : 1
vendor_id : GenuineIntel
cpu family : 6
model : 69
model name : Intel(R) Core(TM) i5-4200U CPU @ 1.60GHz
stepping : 1
microcode : 0x19
[7m--More--(0%)[27m [Kcpu MHz : 2254.489
cache size : 6144 KB
physical id : 0
siblings : 2
core id : 1
cpu cores : 2
apicid : 1
initial apicid : 1
fpu : yes
fpu_exception : yes
cpuid level : 5
wp : yes
flags : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush
mmx fxsr sse s
se2 ht syscall nx rdtscp lm constant_tsc rep_good nopl pni ssse3 lahf_lm
bogomips : 4508.97

clflush size : 64
cache_alignment : 64
address sizes : 39 bits physical, 48 bits virtual
power management:

MemTotal: 1017564 kB
MemFree: 97996 kB
MemAvailable: 115508 kB
Buffers: 16 kB
Cached: 74620 kB
SwapCached: 13216 kB
Active: 359604 kB
Inactive: 359764 kB
Active(anon): 313820 kB
Inactive(anon): 334280 kB
Active(file): 45784 kB
Inactive(file): 25484 kB
Unevictable: 0 kB
Mlocked: 0 kB
SwapTotal: 839676 kB
SwapFree: 485420 kB
Dirty: 1248 kB
Writeback: 0 kB
AnonPages: 635628 kB
Mapped: 32224 kB
Shmem: 3276 kB
Slab: 122500 kB
SReclaimable: 76372 kB
SUnreclaim: 46128 kB
KernelStack: 2952 kB
PageTables: 30064 kB
NFS_Unstable: 0 kB
Bounce: 0 kB
WritebackTmp: 0 kB
CommitLimit: 1348456 kB
Committed_AS: 3171232 kB
VmallocTotal: 34359738367 kB
VmallocUsed: 8900 kB
VmallocChunk: 34359725448 kB
[7m--More--(0%)[27m HardwareCorrupted: 0 kB
AnonHugePages: 182272 kB
HugePages_Total: 0
HugePages_Free: 0

HugePages_Rsvd: 0
 HugePages_Surp: 0
 Hugepagesize: 2048 kB
 DirectMap4k: 69504 kB
 DirectMap2M: 978944 kB
 00:00.0 Host bridge: Intel Corporation 440FX - 82441FX PMC [Natoma] (rev 02)
 00:01.0 ISA bridge: Intel Corporation 82371SB PIIX3 ISA [Natoma/Triton II]
 00:01.1 IDE interface: Intel Corporation 82371AB/EB/MB PIIX4 IDE (rev 01)
 00:02.0 VGA compatible controller: InnoTek Systemberatung GmbH VirtualBox Graphics Adapter
 00:03.0 Ethernet controller: Intel Corporation 82540EM Gigabit Ethernet Controller (rev 02)
 00:04.0 System peripheral: InnoTek Systemberatung GmbH VirtualBox Guest Service
 00:05.0 Multimedia audio controller: Intel Corporation 82801AA AC'97 Audio Controller (rev 01)
 00:06.0 USB controller: Apple Inc. KeyLargo/Intrepid USB
 00:07.0 Bridge: Intel Corporation 82371AB/EB/MB PIIX4 ACPI (rev 08)
 00:0d.0 SATA controller: Intel Corporation 82801HM/HEM (ICH8M/ICH8M-E) SATA Controller [AHCI mode] (rev 02)

–i: No such file or directory

```

]0;rbaldwin@localhost:/home/rbaldwin/Documents]7;file://localhost.localdomain/home/rbaldwin/
Documents[root@localhost Documents]# d simple && gdb -iex "add-auto-load-safe-path
/home/rbaldwin/Documents/.gdbinit" && r && n && s && c && yum install cvs && groupadd
group_12 && useradd -g group_12 rob && cvs -d /home/rbaldwin/Doc uments/projects init &&
cvspserver 2401/tcp #CVS Pserver && cvspserver 2401/udp #CVS Pserver [A[C [A[Cld simple
&& gdb -iex "add-auto-load-safe-path /home/rbaldwin/Documents/.gdbinit" && r && n && s && c
&& yum install cvs && groupadd group_12 && useradd -g group_12 rob && cvs -d
/home/rbaldwin/Doc[1@u[A[A[Cd simple && gdb -iex "add-auto-load-safe-path
/home/rbaldwin/Documents/.gdbinit" && r && n && s && c && yum install cvs && groupadd
group_12 && useradd -g group_12 rob && cvs -d /home/rbaldwin/Do[1@c[A[A[C
  
```

```

linux-vdso.so.1 => (0x00007fff780de000)
libm.so.6 => /lib64/libm.so.6 (0x00007f8f23fab000)
libc.so.6 => /lib64/libc.so.6 (0x00007f8f23bea000)
/lib64/ld-linux-x86-64.so.2 (0x00007f8f242c2000)
  
```

[?1034hGNU gdb (GDB) Red Hat Enterprise Linux 7.6.1-51.el7

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This is free software: you are free to change and redistribute it.

There is NO WARRANTY, to the extent permitted by law. Type "show copying" and "show warranty" for details.

This GDB was configured as "x86_64-redhat-linux-gnu".

For bug reporting instructions, please see:

<<http://www.gnu.org/software/gdb/bugs/>>.

Breakpoint 1 at 0x40064f: file simple.c, line 6.

Breakpoint 2 at 0x400540

.gdbinit:4: Error in sourced command file:

The program has no registers now.

(gdb) r

Starting program: /home/rbaldwin/Documents/simple

Breakpoint 1, main (argc=1, argv=0x7ffffffe0e8) at simple.c:6

6 int l_array[10] = { 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 };

Missing separate debuginfos, use: debuginfo-install glibc-2.17-55.el7.x86_64

(gdb) n

7 double l_sroot = 0;

(gdb) s

8 for (int i = 0; i < 10; ++i) {

(gdb) c

Continuing.

Breakpoint 2, 0x00007ffff7b00670 in sqrt () from /lib64/libm.so.6

(gdb) c

Continuing.

Breakpoint 2, 0x00007ffff7b00670 in sqrt () from /lib64/libm.so.6

(gdb) c

Continuing.

Breakpoint 2, 0x00007ffff7b00670 in sqrt () from /lib64/libm.so.6

(gdb) c

Continuing.

Breakpoint 2, 0x00007ffff7b00670 in sqrt () from /lib64/libm.so.6

(gdb) c

Continuing.

Breakpoint 2, 0x00007ffff7b00670 in sqrt () from /lib64/libm.so.6

(gdb) c

Continuing.

Breakpoint 2, 0x00007ffff7b00670 in sqrt () from /lib64/libm.so.6

(gdb) c

Continuing.

Breakpoint 2, 0x00007ffff7b00670 in sqrt () from /lib64/libm.so.6

(gdb) c

Continuing.

Breakpoint 2, 0x00007ffff7b00670 in sqrt () from /lib64/libm.so.6
(gdb) c
Continuing.

Breakpoint 2, 0x00007ffff7b00670 in sqrt () from /lib64/libm.so.6
(gdb) c
Continuing.

Breakpoint 2, 0x00007ffff7b00670 in sqrt () from /lib64/libm.so.6
(gdb) c
Continuing.

The average square root: 2.246828 [Inferior 1 (process 8099) exited normally]
(gdb) ^Z

```
[1]+ Stopped          gdb -iex "add-auto-load-safe-path /home/rbaldwin/Documents/.gdbinit"
]0;rbaldwin@localhost:/home/rbaldwin/Documents]7;file://localhost.localdomain/home/rbaldwin/
Documents[root@localhost Documents]# ldd simple && gdb -iex "add-auto-load-safe-path
/home/rbaldwin/Documents/.gdbinit" && r && n && s && c && yum install cvs && groupadd
group_12 && useradd -g group_12 rob && cvs -d /home/rbaldwin/Documents/projects init &&
cvspserver 2401/tcp #CVS Pserver && cvspserver 2401/udp #CVS Pserver [A[Cyum install cvs
&& groupadd group_12 && useradd -g group_12 rob && cvs -d /home/rbaldwin/Doc[1P[A[Cyum
install cvs && groupadd group_12 && useradd -g group_12 rob && cvs -d
/home/rbaldwin/Docu[1P[A[Cyum install cvs && groupadd group_12 && useradd -g group_12
rob && cvs -d /home/rbaldwin/Docum[1P[A[Cyum install cvs && groupadd group_12 &&
useradd -g group_12 rob && cvs -d /home/rbaldwin/Docume[1P[A[Cyum install cvs &&
groupadd group_12 && useradd -g group_12 rob && cvs -d
/home/rbaldwin/Documen[1P[A[Cyum install cvs && groupadd group_12 && useradd -g
group_12 rob && cvs -d /home/rbaldwin/Document[1P[A[Cyum install cvs && groupadd
group_12 && useradd -g group_12 rob && cvs -d /home/rbaldwin/Documents[1P[A[Cyum install
cvs && groupadd group_12 && useradd -g group_12 rob && cvs -d
/home/rbaldwin/Documents/[1P[A[Cyum install cvs && groupadd group_12 && useradd -g
group_12 rob && cvs -d /home/rbaldwin/Documents/p[1P[A[Cyum install cvs && groupadd
group_12 && useradd -g group_12 rob && cvs -d /home/rbaldwin/Documents/pr[1P[A[Cyum
install cvs && groupadd group_12 && useradd -g group_12 rob && cvs -d
/home/rbaldwin/Documents/pro[1P[A[Cyum install cvs && groupadd group_12 && useradd -g
group_12 rob && cvs -d /home/rbaldwin/Documents/proj[1P[A[Cyum install cvs && groupadd
group_12 && useradd -g group_12 rob && cvs -d /home/rbaldwin/Documents/proje[1P[A[Cyum
install cvs && groupadd group_12 && useradd -g group_12 rob && cvs -d
/home/rbaldwin/Documents/projec[1P[A[Cyum install cvs && groupadd group_12 && useradd -g
group_12 rob && cvs -d /home/rbaldwin/Documents/project[1P[A[Cyum install cvs && groupadd
group_12 && useradd -g group_12 rob && cvs -d
/home/rbaldwin/Documents/projects[1P[A[Cyum install cvs && groupadd group_12 && useradd
-g group_12 rob && cvs -d /home/rbaldwin/Documents/projects [1P[A[Cyum install cvs &&
```

[illegible]

[illegible]

[illegible]

```

cvspserver 2401/tcp #CVS Pserver && cvspserver 2401/udp #CVS Ps[1Perver[A[A[Cyum install
cvs && groupadd group_12 && useradd -g group_12 rob && cvs -d
/home/rbaldwin/Documents/projects init && cvspserver 2401/tcp #CVS Pserver && cvspserver
2401/udp #CVS Pse[1Pver[A[A[Cyum install cvs && groupadd group_12 && useradd -g
group_12 rob && cvs -d /home/rbaldwin/Documents/projects init && cvspserver 2401/tcp #CVS
Pserver && cvspserver 2401/udp #CVS Pser[1Pver[A[A[Cyum install cvs && groupadd
group_12 && useradd -g group_12 rob && cvs -d /home/rbaldwin/Documents/projects init &&
cvspserver 2401/tcp #CVS Pserver && cvspserver 2401/udp #CVS Pserv[1Per[A[A[Cyum install
cvs && groupadd group_12 && useradd -g group_12 rob && cvs -d
/home/rbaldwin/Documents/projects init && cvspserver 2401/tcp #CVS Pserver && cvspserver
2401/udp #CVS Pserve[1Pr[A[A[Cyum install cvs && groupadd group_12 && useradd -g
group_12 rob && cvs -d /home/rbaldwin/Documents/projects init && cvspserver 2401/tcp #CVS
Pserver && cvspserver 2401/udp #CVS Pserver[K[A[A[Cyum install cvs && groupadd group_12
&& useradd -g group_12 rob && cvs -d /home/rbaldwin/Documents/projects init && cvspserver
2401/tcp #CVS Pserver && cvspserver 2401/udp #CVS Pserver [K[A[A[Cyum install cvs &&
groupadd group_12 && useradd -g group_12 rob && cvs -d [1P
[K[A[A[Cyum install cvs && groupadd group_12 && useradd -g group_12 rob && cvs -d
/[1P[A[Cyum install cvs && groupadd group_12 && useradd -g group_12 rob && cvs -d
/h[1P[A[Cyum install cvs && groupadd group_12 && useradd -g group_12 rob && cvs -d
/ho[1P[A[Cyum install cvs && groupadd group_12 && useradd -g group_12 rob && cvs -d
/hom[1P[A[Cyum install cvs && groupadd group_12 && useradd -g group_12 rob && cvs -d
/home[1P[A[Cyum install cvs && groupadd group_12 && useradd -g group_12 rob && cvs -d
/home/[1P[A[Cyum install cvs && groupadd group_12 && useradd -g group_12 rob && cvs -d
/home/r[1P[A[Cyum install cvs && groupadd group_12 && useradd -g group_12 rob && cvs -d
/home/rb[1P[A[Cyum install cvs && groupadd group_12 && useradd -g group_12 rob && cvs -d
/home/rba[1P[A[Cyum install cvs && groupadd group_12 && useradd -g group_12 rob && cvs -d
/home/rbal[1P[A[Cyum install cvs && groupadd group_12 && useradd -g group_12 rob && cvs
-d /home/rbald[1P[A[C

```

Loaded plugins: fastestmirror, langpacks

Loading mirror speeds from cached hostfile

* base: mirror.cs.vt.edu

* extras: mirror.es.its.nyu.edu

* updates: www.gtlib.gatech.edu

Package cvs-1.11.23-35.el7.x86_64 already installed and latest version

Nothing to do

useradd: user 'rob' already exists

```

]0;rbaldwin@localhost:/home/rbaldwin/Documents]7;file://localhost.localdomain/home/rbaldwin/
Documents[root@localhost Documents]# yum install cvs && groupadd group_12 && useradd -g
group_12 rob && cvs -d /home/rbaldwin/Documents/projects init && cvspserver 2401/tcp
#CVS Pserver && cvspserver 2401/udp #CVS Pserver [A[C[Ccvs -d /home/rbaldw[1P[A[Ccvs -d
/home/rbaldwi[1P[A[Ccvs -d /home/rbaldwin[1P[A[Ccvs -d /home/rbaldwin/[1P[A[Ccvs -d
/home/rbaldwin/D[1P[A[Ccvs -d /home/rbaldwin/Do[1P[A[Ccvs -d

```

[illegible]

```

/home/rbaldwin/Documents/projects init && cvspserver 2401/tcp #CVS Pserve[1P[A[Ccvs -d
/home/rbaldwin/Documents/projects init && cvspserver 2401/tcp #CVS Pserve[1P[A[Ccvs -d
/home/rbaldwin/Documents/projects init && cvspserver 2401/tcp #CVS Pserver[1P[A[Ccvs -d
/home/rbaldwin/Documents/projects init && cvspserver 2401/tcp #CVS Pserver [1P[A[Ccvs -d
/home/rbaldwin/Documents/projects init && cvspserver 2401/tcp #CVS Pserver &[1P[A[Ccvs -d
/home/rbaldwin/Documents/projects init && cvspserver 2401/tcp #CVS Pserver &&[1P[A[Ccvs
-d /home/rbaldwin/Documents/projects init && cvspserver 2401/tcp #CVS Pserver && [1P[A[C

```

bash: cvspserver: command not found...

```

]0;rbaldwin@localhost:/home/rbaldwin/Documents]7;file://localhost.localdomain/home/rbaldwin/
Documents[root@localhost Documents]# cvs -d /home/rbaldwin/Documents/projects init &&
cvspserver 2401/tcp #CVS Pserver && cvspserver 2401/udp #CVS Pserver[K [K[A[K
[K[A[C[K
]0;rbaldwin@localhost:/home/rbaldwin/Documents]7;file://localhost.localdomain/home/rbaldwin/
Documents[root@localhost Documents]# cvs -d /home/rbaldwin/Documents/p

```

simple.c

```
#include <stdio.h>
```

```
#include <math.h>
```

```

int main (int argc, char* argv[]) {
    int l_array[10] = { 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 };
    double l_sroot = 0;
    for (int i = 0; i < 10; ++i) {
        l_sroot += sqrt(l_array[i]);
    }
    printf("The average square root: %f ",l_sroot/10);
    return 0;
}

```