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Bochs for Windows - Console
Microsoft Windows [Version 10.0.17134.950]
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C:\Users\VACER>cd..
C:\Users>cd..
C:\>cd os
C:\OS>setpath
C:\OS>Path=C:\OS\Dev-Cpp\bin;C:\OS\Bochs-2.3.5;c:\OS\Perl;C:\Windows;C:\Windows\System32
C:\OS>type s.bat
The system cannot find the file specified.
C:\OS>type s.bat
The system cannot find the file specified.
C:\OS>cd lab\lab3
C:\OS\LAB\LAB3>type s.bat
..\..\bochs-2.3.5\bochsdbg -q -f bochsrc.bxrc
C:\OS\LAB\LAB3>s
C:\OS\LAB\LAB3>..\..\bochs-2.3.5\bochsdbg -q -f bochsrc.bxrc
000000000000i[APIC?] local apic in initializing
=====
Bochs x86 Emulator 2.3.5
Build from CVS snapshot, on September 16, 2007
=====
000000000000i[      ] reading configuration from bochsrc.bxrc
000000000000i[      ] installing win32 module as the Bochs GUI
000000000000i[      ] using log file bochs.log
Next at t=0
(0) [0xfffffff0] f000:fff0 (unk. ctxt): jmp far f000:e05b      ; ea5be00f0
<bochs:1> r
rax: 0x00000000:00000000 rcx: 0x00000000:00000000
rdx: 0x00000000:00000f20 rbx: 0x00000000:00000000
rsp: 0x00000000:00000000 rbp: 0x00000000:00000000
rsi: 0x00000000:00000000 rdi: 0x00000000:00000000
r8 : 0x00000000:00000000 r9 : 0x00000000:00000000
r10: 0x00000000:00000000 r11: 0x00000000:00000000
r12: 0x00000000:00000000 r13: 0x00000000:00000000
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r12: 0x00000000:00000000 r13: 0x00000000:00000000
r14: 0x00000000:00000000 r15: 0x00000000:00000000
rip: 0x00000000:0000ffff
eflags 0x00000002
IOPL=0 id vip vif ac vm rf nt of df if tf sf zf af pf cf
<bochs:2> s
Next at t=1
(0) [0x000fe05b] f000:e05b (unk. ctxt): xor ax, ax      ; 31c0
<bochs:3> r
rax: 0x00000000:00000000 rcx: 0x00000000:00000000
rdx: 0x00000000:00000f20 rbx: 0x00000000:00000000
rsp: 0x00000000:00000000 rbp: 0x00000000:00000000
rsi: 0x00000000:00000000 rdi: 0x00000000:00000000
r8 : 0x00000000:00000000 r9 : 0x00000000:00000000
r10: 0x00000000:00000000 r11: 0x00000000:00000000
r12: 0x00000000:00000000 r13: 0x00000000:00000000
r14: 0x00000000:00000000 r15: 0x00000000:00000000
rip: 0x00000000:0000e05b
eflags 0x00000002
IOPL=0 id vip vif ac vm rf nt of df if tf sf zf af pf cf
<bochs:4> vb 0:0x7C00
<bochs:5> c
(1996155817) Breakpoint 10285624, in 0000:7c00 (0x00007c00)
Next at t=2082128
(0) [0x00007c00] 0000:7c00 (unk. ctxt): jmp .+0x003b (0x00007c3e) ; e93b00
<bochs:6> s
Next at t=2082129
(0) [0x00007c3e] 0000:7c3e (unk. ctxt): cli      ; fa
<bochs:7> s
Next at t=2082130
(0) [0x00007c3f] 0000:7c3f (unk. ctxt): mov ax, 0x07c0      ; b8c007
<bochs:8> s
Next at t=2082131
(0) [0x00007c42] 0000:7c42 (unk. ctxt): mov ds, ax      ; 8ed8
<bochs:9> h
h|help - show list of debugger commands
h|help command - show short command description
-* Debugger control -*
help, q|quit|exit, set, instrument, show, trace, trace-reg,
record, playback, load-symbols, slist
-* Execution control -*
c|cont|continue, s|step|stepi, p|n|next, modebp
-* Breakpoint management -*
vb|vbreak, lb|lbreak, pb|pbreak|b|break, sb, sba, blist,
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(0) [0x00001005] 0100:0005 (unk. ctxt): mov es, ax          ; 8ec0
<bchs:5> s
Next at t=2945016
(0) [0x00001007] 0100:0007 (unk. ctxt): cli              ; fa
<bchs:6> s
Next at t=2945017
(0) [0x00001008] 0100:0008 (unk. ctxt): mov ss, ax       ; 8ed0
<bchs:7> s
Next at t=2945018
(0) [0x0000100a] 0100:000a (unk. ctxt): mov sp, 0xffff    ; bcffff
<bchs:8> s
Next at t=2945019
(0) [0x0000100d] 0100:000d (unk. ctxt): sti              ; fb
<bchs:9> s
Next at t=2945020
(0) [0x0000100e] 0100:000e (unk. ctxt): push dx         ; 52
<bchs:10> s
Next at t=2945021
(0) [0x0000100f] 0100:000f (unk. ctxt): push es         ; 06
<bchs:11> s
Next at t=2945022
(0) [0x00001010] 0100:0010 (unk. ctxt): xor ax, ax       ; 31c0
<bchs:12> s
Next at t=2945023
(0) [0x00001012] 0100:0012 (unk. ctxt): mov es, ax       ; 8ec0
<bchs:13>
Next at t=2945024
(0) [0x00001014] 0100:0014 (unk. ctxt): cli              ; fa
<bchs:14>
Next at t=2945025
(0) [0x00001015] 0100:0015 (unk. ctxt): mov word ptr es:0x84, 0x0030 ; 26c70684003000
<bchs:15>
Next at t=2945026
(0) [0x0000101c] 0100:001c (unk. ctxt): mov word ptr es:0x86, cs ; 260c0e8600
<bchs:16>
Next at t=2945027
(0) [0x00001021] 0100:0021 (unk. ctxt): sti              ; fb
<bchs:17>
Next at t=2945028
(0) [0x00001022] 0100:0022 (unk. ctxt): pop es          ; 07
<bchs:18>
Next at t=2945029
(0) [0x00001023] 0100:0023 (unk. ctxt): pop dx          ; 5a
<bchs:19>
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<bchs:19>
Next at t=2945030
(0) [0x00001024] 0100:0024 (unk. ctxt): mov si, 0x01e8    ; bee801
<bchs:20>
Next at t=2945031
(0) [0x00001027] 0100:0027 (unk. ctxt): mov al, 0x01      ; b001
<bchs:21> s
Next at t=2945032
(0) [0x00001029] 0100:0029 (unk. ctxt): int 0x21         ; cd21
<bchs:22>
```