



Plex86/Bochs UGABios (PCI) current-cvs 08 Jul 2014  
This UGA/UBE Bios is released under the GNU LGPL

Please visit :  
[. http://bochs.sourceforge.net](http://bochs.sourceforge.net)  
[. http://www.nongnu.org/ugabios](http://www.nongnu.org/ugabios)

Bochs UBE Display Adapter enabled

Bochs BIOS - build: 02/16/17  
 \$Revision: 13073 \$ \$Date: 2017-02-16 22:43:52 +0100 (Do, 16. Feb 2017) \$  
 Options: apmbios pcibios pnpbios eltorito rombios32

Press F12 for boot menu.

You've entered protected mode!

Hello VOID001!

You've successfully load the floppy data into RAM

bochs -q

onion@onion-VM: ~/neu-os

onion@onion-VM: ~/neu-os 61x19

```
onion@onion-VM: ~/neu-os 76ba899 <
$ 20134025 onion [15:50:55]
```

## Bochs Enhanced Debugger

Commands View Options Help

Continue [c]			Step [s]			Step N [s ###]			Refresh			Break [^C]	
Reg Name	Hex Value	Decimal	L.Address	Bytes	Mnemonic	Index	Base Address	Size		DPL	Info		
eax	60000c00	1610615808	00000022	(2) E...	jmp .-2 (0x00000022)	00 (Selector 0x0000)	0x0	0x0		0	Unused		
ebx	000b8a7a	756346	00000024	(1) 59	pop ecx	01 (Selector 0x0008)	0x0	0x7FFFFFFF		0	32-bit code		
ecx	0000003e	62	00000025	(1) 6F	outsd dx, dword ptr ds:[esi]	02 (Selector 0x0010)	0x0	0x7FFFFFFF		0	32-bit data		
edx	00001681	5761	00000026	(2) 7...	jnz .+39 (0x0000004f)	03 (Selector 0x0018)	0x65756F59			1	16bit Trap Gate		
esi	000e0000	917504	00000028	(2) 7...	jbe .+101 (0x0000008f)	04 (Selector 0x0020)	0x73636375			3	Task Gate		
edi	00000000	0	0000002a	(3) 2...	and byte ptr ss:[ebp+110], ah	05 (Selector 0x0028)	0x6F796C6C			1			
ebp	0000010a	266	0000002d	(2) 7...	jz .+101 (0x00000094)	06 (Selector 0x0030)	0x0	0xFFFFFFFFFFFFFFFF		3	Task Gate		
esp	0000ff00	65280	0000002f	(2) 7...	jb .+101 (0x00000096)	07 (Selector 0x0038)	0x61797070			1			
eip	00000022	34	00000031	(4) 6...	and byte ptr fs:[eax+114], dh	08 (Selector 0x0040)	0x206E6920			3	Illegal		
eflags	00000046		00000035	(1) 6F	outsd dx, dword ptr ds:[esi]	09 (Selector 0x0048)	0xA0D4D	0xA4152		0	Reserved		
cs	0008		00000036	(2) 7...	jz .+101 (0x0000009d)	10 (Selector 0x0050)	0x0	0x0		0			
ds	0010		00000038	(4) 6...	arpl word ptr ss:[ebp+100], si	11 (Selector 0x0058)	0x0	0x0		0			
es	0010		0000003c	(3) 2...	and byte ptr ss:[ebp+111], ch	12 (Selector 0x0060)	0x0	0x0		0			