QNX 1989 Demo

QNX is a compact Unix-like real-time operating system that was originally designed for the IBM PC and later used in embedded devices. The versions here are for IBM PC compatibles.

Available releases

0.x 1.2 1989 Demo 2.2 4.2 1.44mb Demo

Information

Product type
OS

Vendor
Quantum Software Systems Ltd.

Release date
1989

Minimum CPU
8088

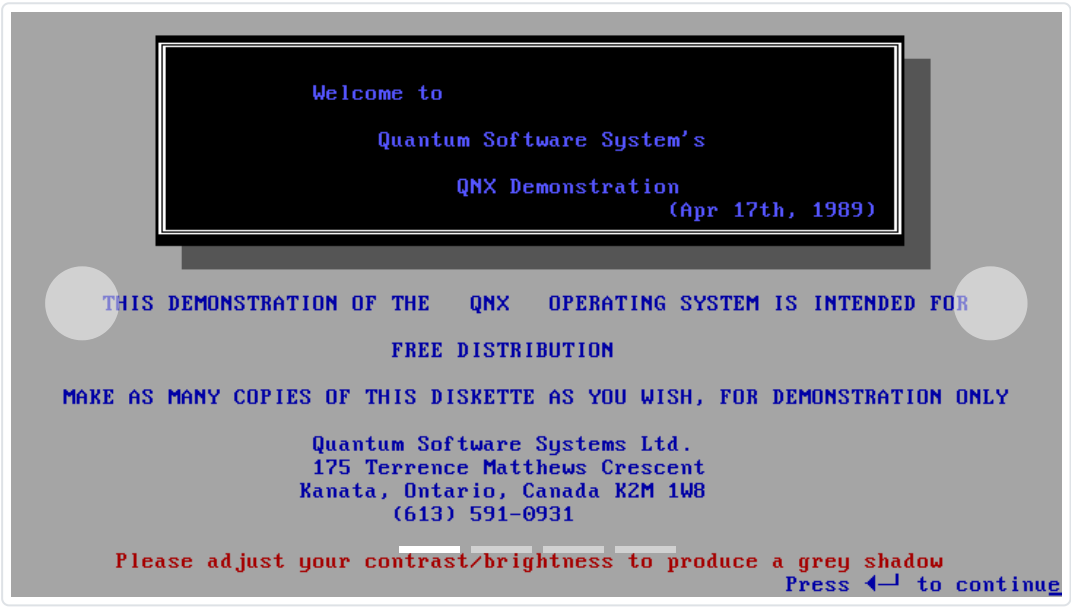
Minimum RAM
640KB

User interface
GUI

Platform
Unix

Download count
25 (2 for release)

Screenshots



Release notes

This is an early Demo version of QNX that runs on an 8088 or 286. Contains one 360k (5.25") floppy disk image. This disk does not use a DOS file system.

Downloads

Download name	Version	Language	Architecture	File size	Downloads
QNX 1989 Demo (5.25)	1989 Demo	English	8086	242.99KB	2

Comments

Leave a comment

Comment As ...

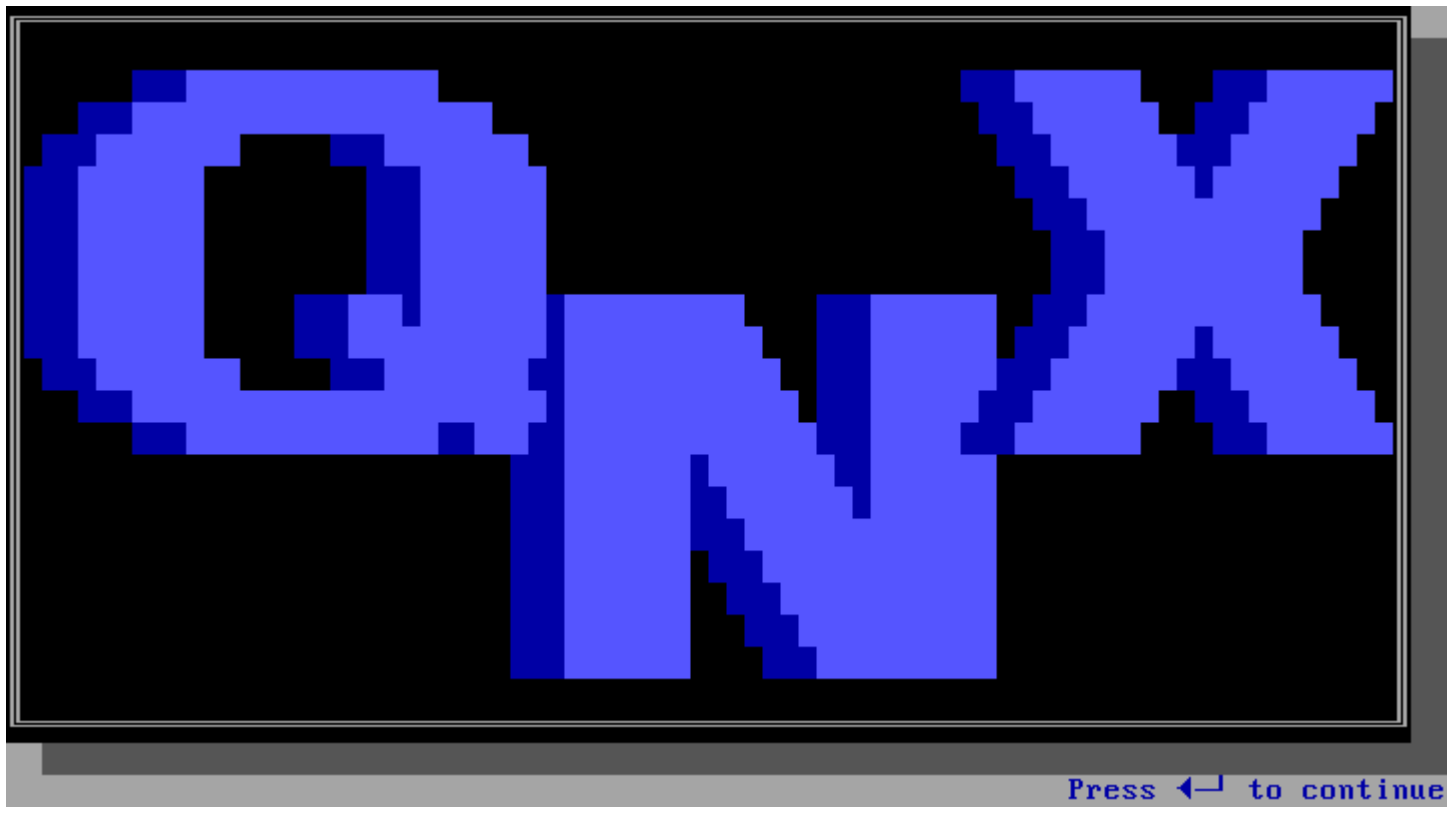
SomeGuy
February 2019

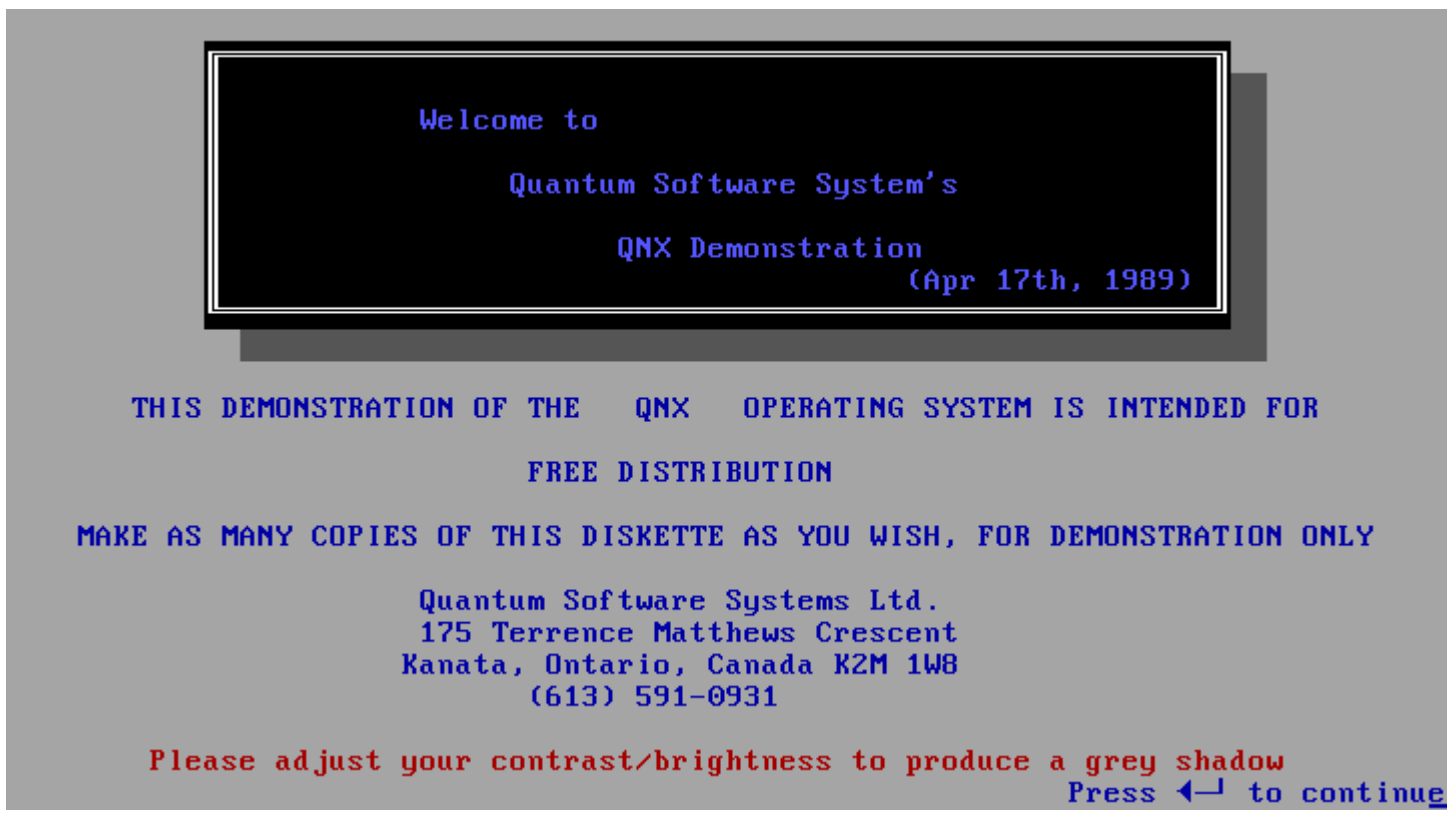
Thanks, I thought I had kicked the demo around but I guess I never got screen shots.

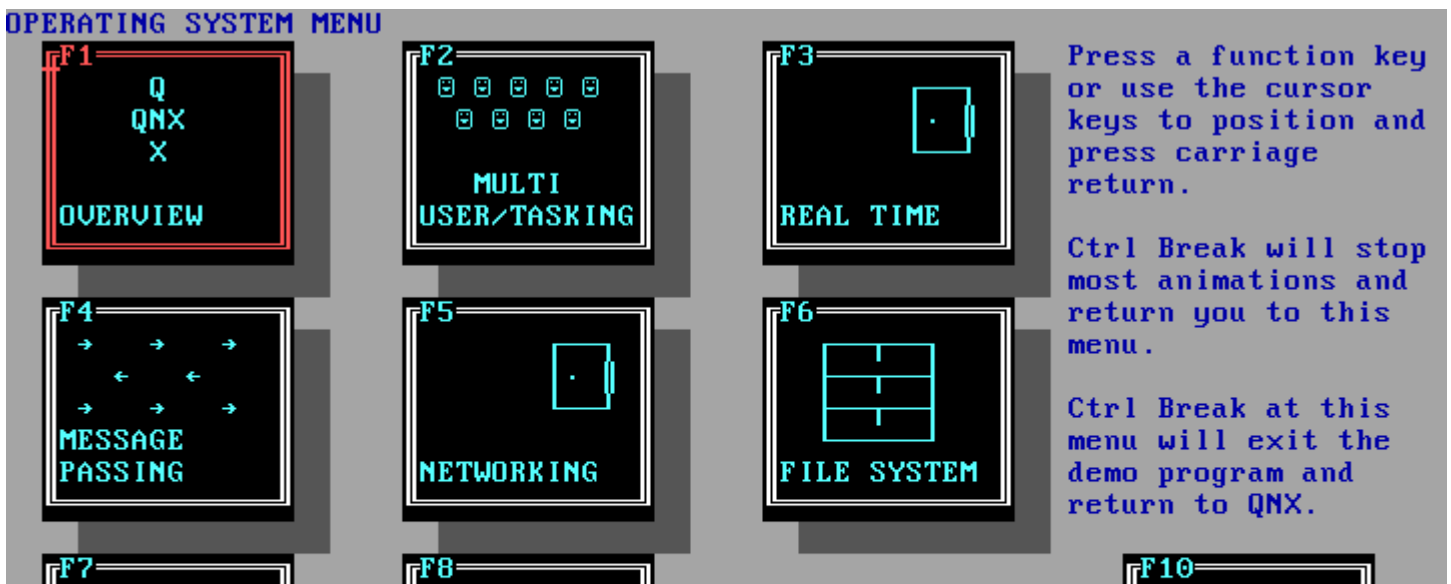
sdose
February 2019 edited February 2019

[[[~~I took screenshots, but here is no attach button. So I post this senseless comment, go to forum, edit this and add the pictures.~~]]]

@SomeGuy
I took a bunch of screenshots, hopefully you got enough time to add them. This demo looks awesome







X.25 3278
ASYNC
MAP HPIB
CONNECTIVITY

HARDWARE

E
X
I
T

Each computer in
a network may have
attached terminals.

Optional network link
to other computers.

Connect 1 to 32 terminals

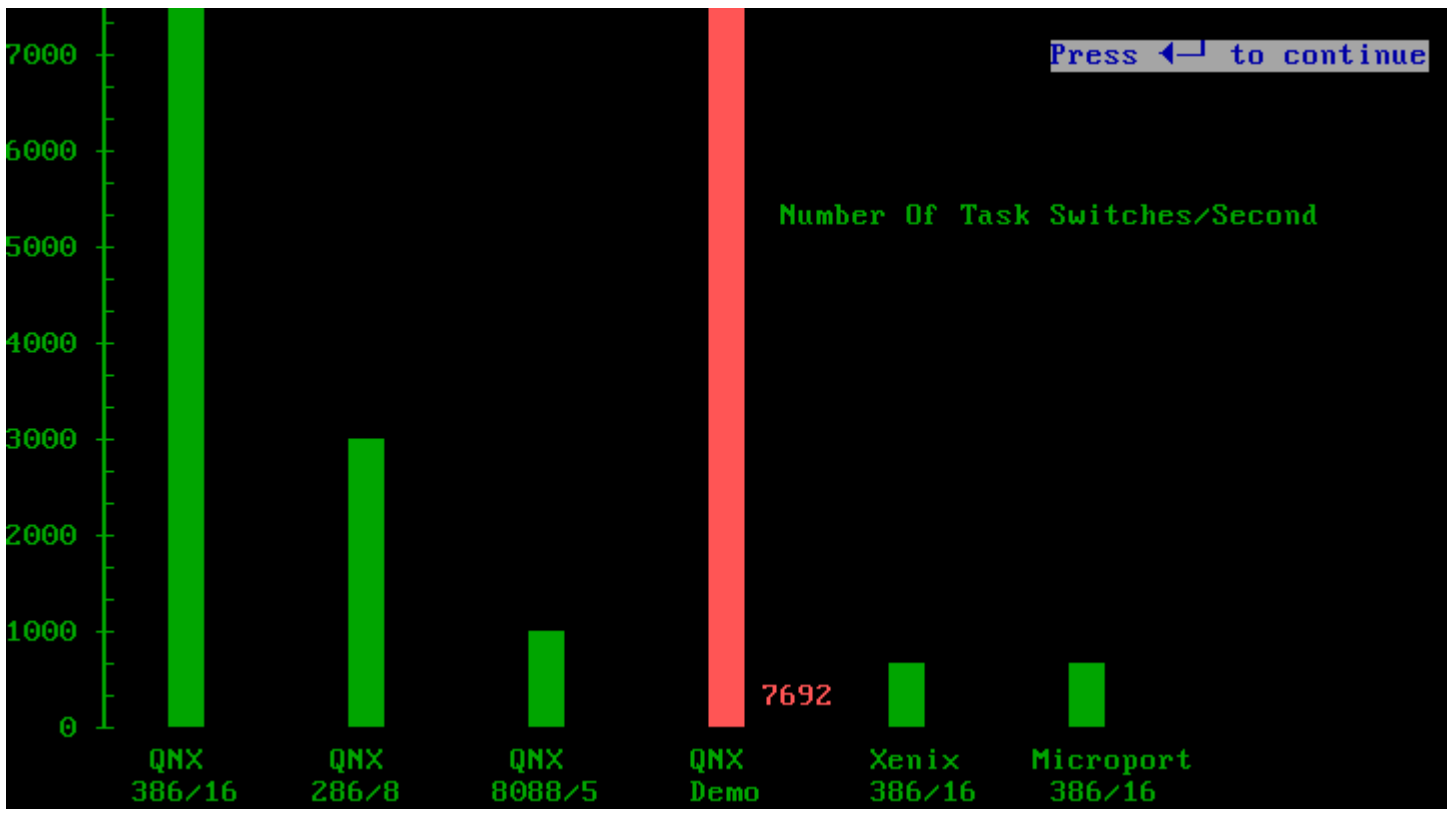
Press ↵ to continue

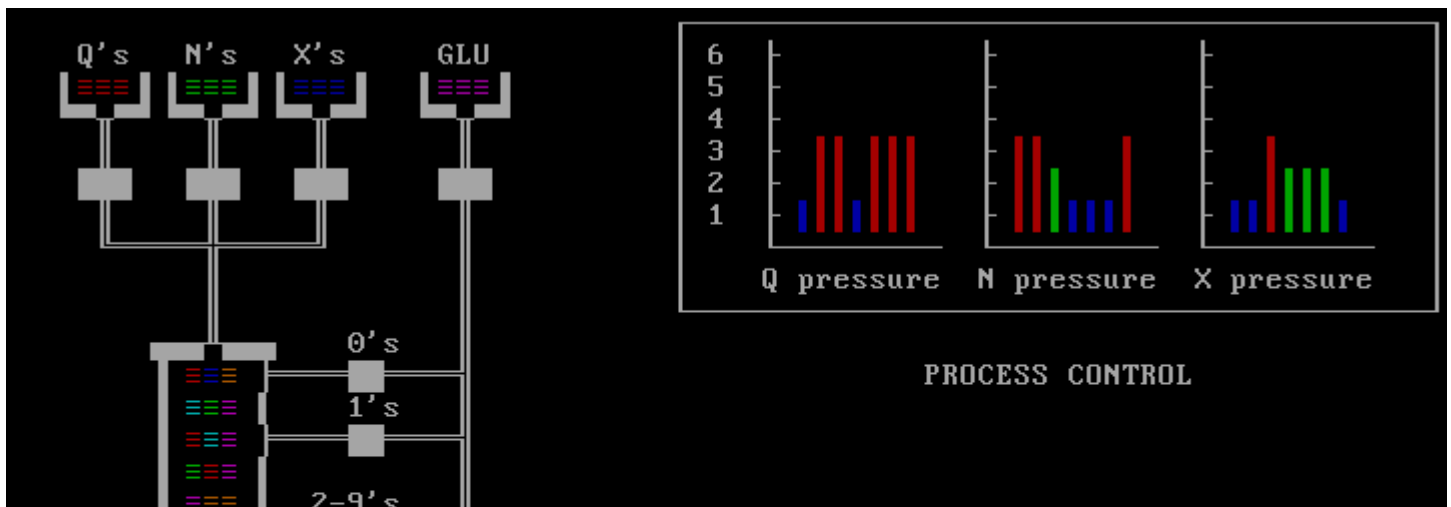
One of the most significant factors affecting real-time response is the operating system's task switch time and speed of inter-task communication.

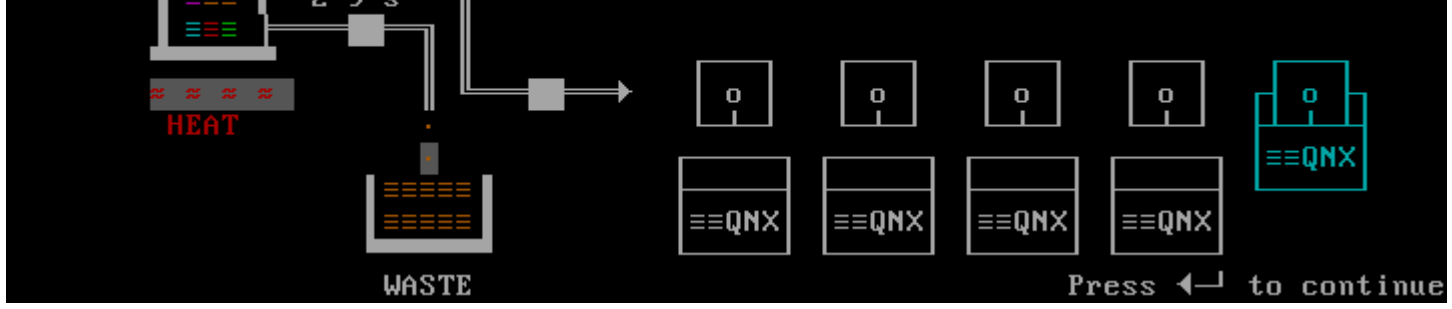
How long it takes to change from running one program to another.

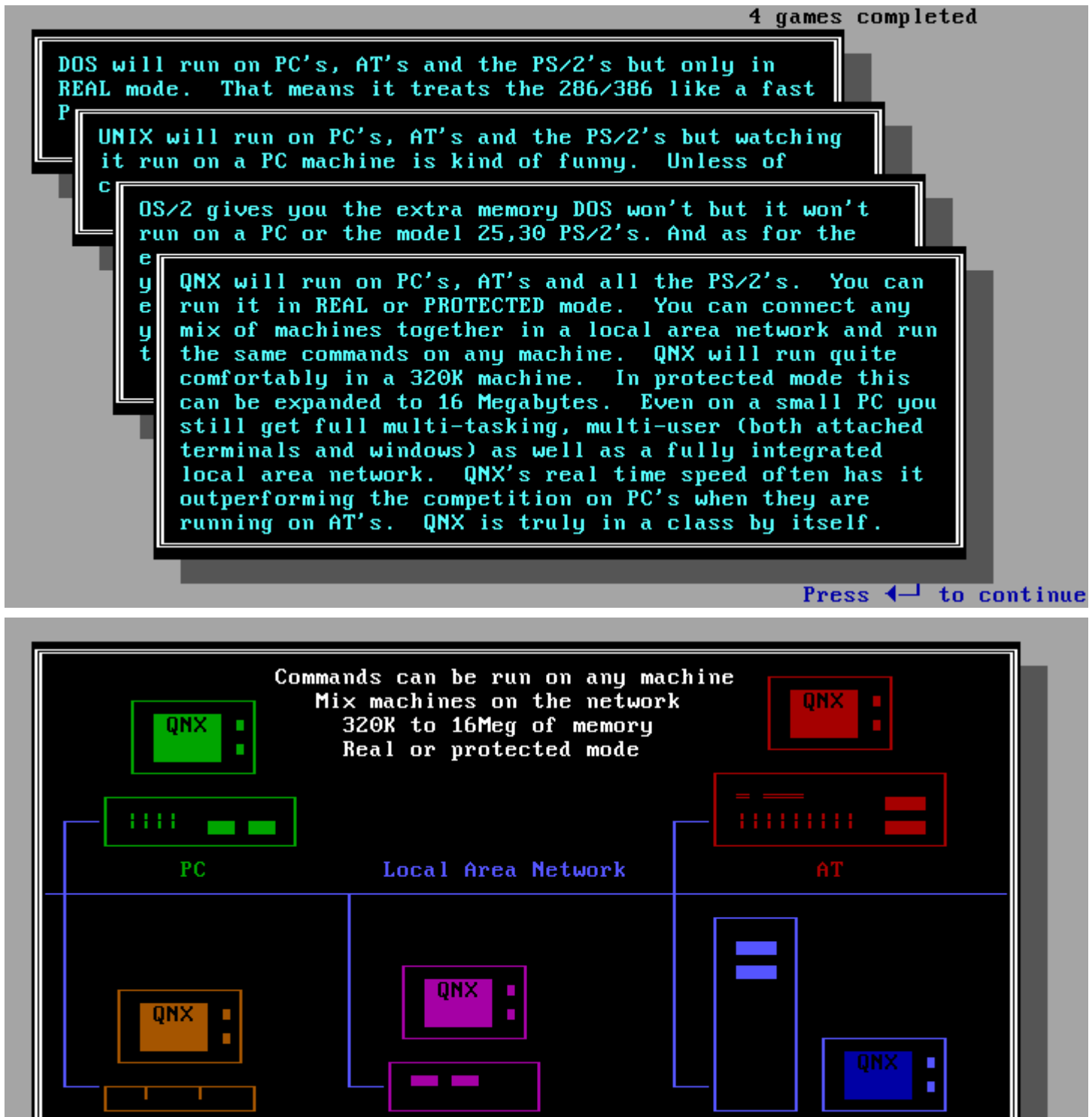
A simple program which passes a one-byte message between two tasks was benchmarked on a number of systems. QNX has proven unsurpassed in this critical area.

Press ↵ to continue

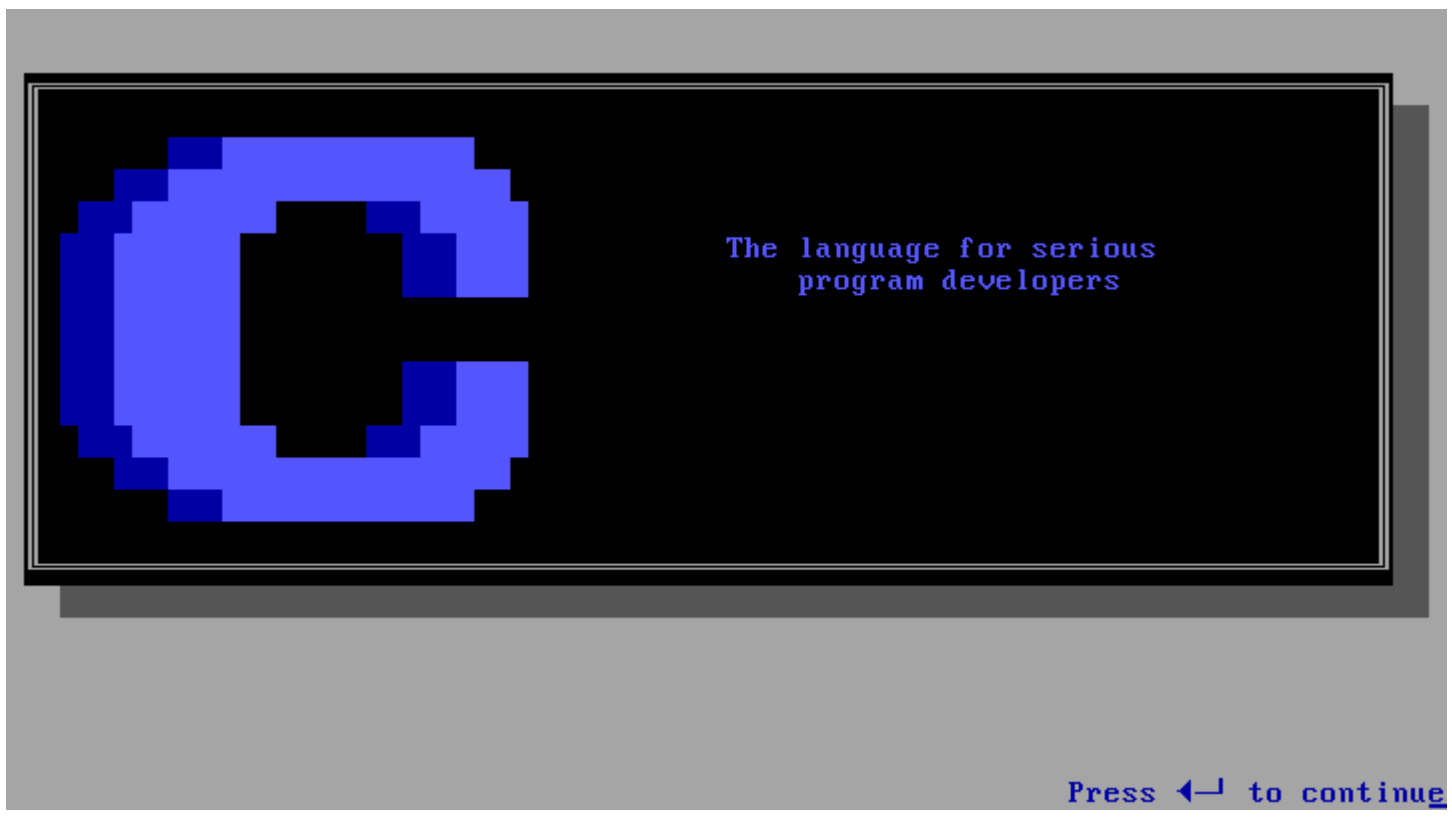


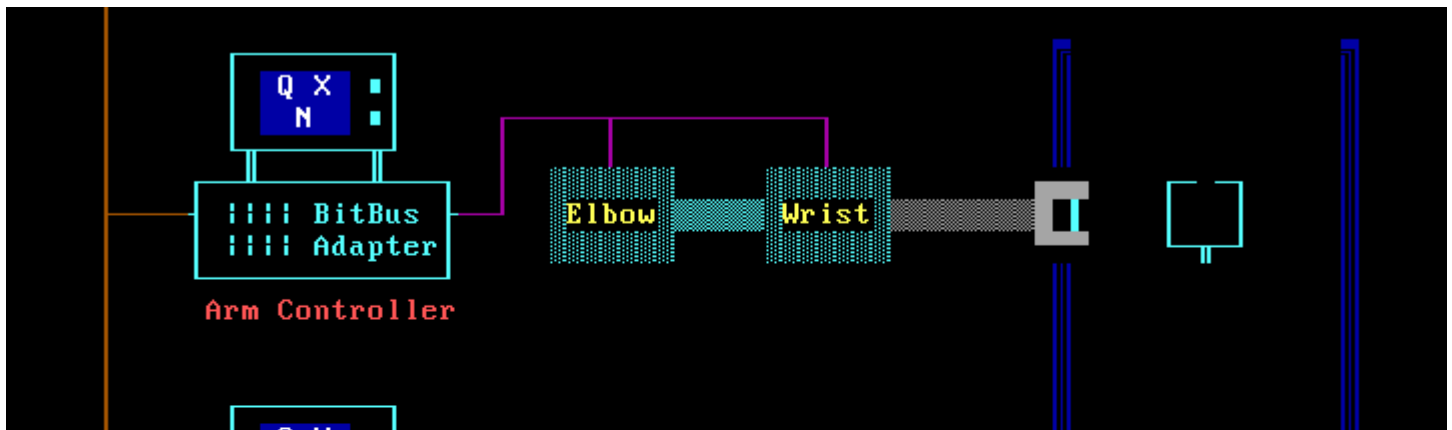


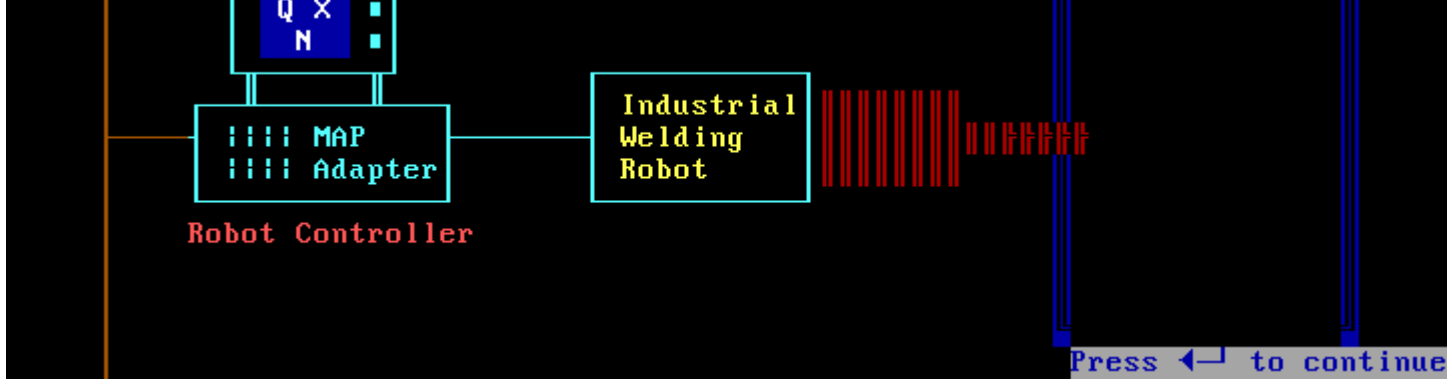

HEAT
WASTE
≡≡QNX
≡≡QNX
≡≡QNX
≡≡QNX
≡≡QNX
Press ↵ to continue

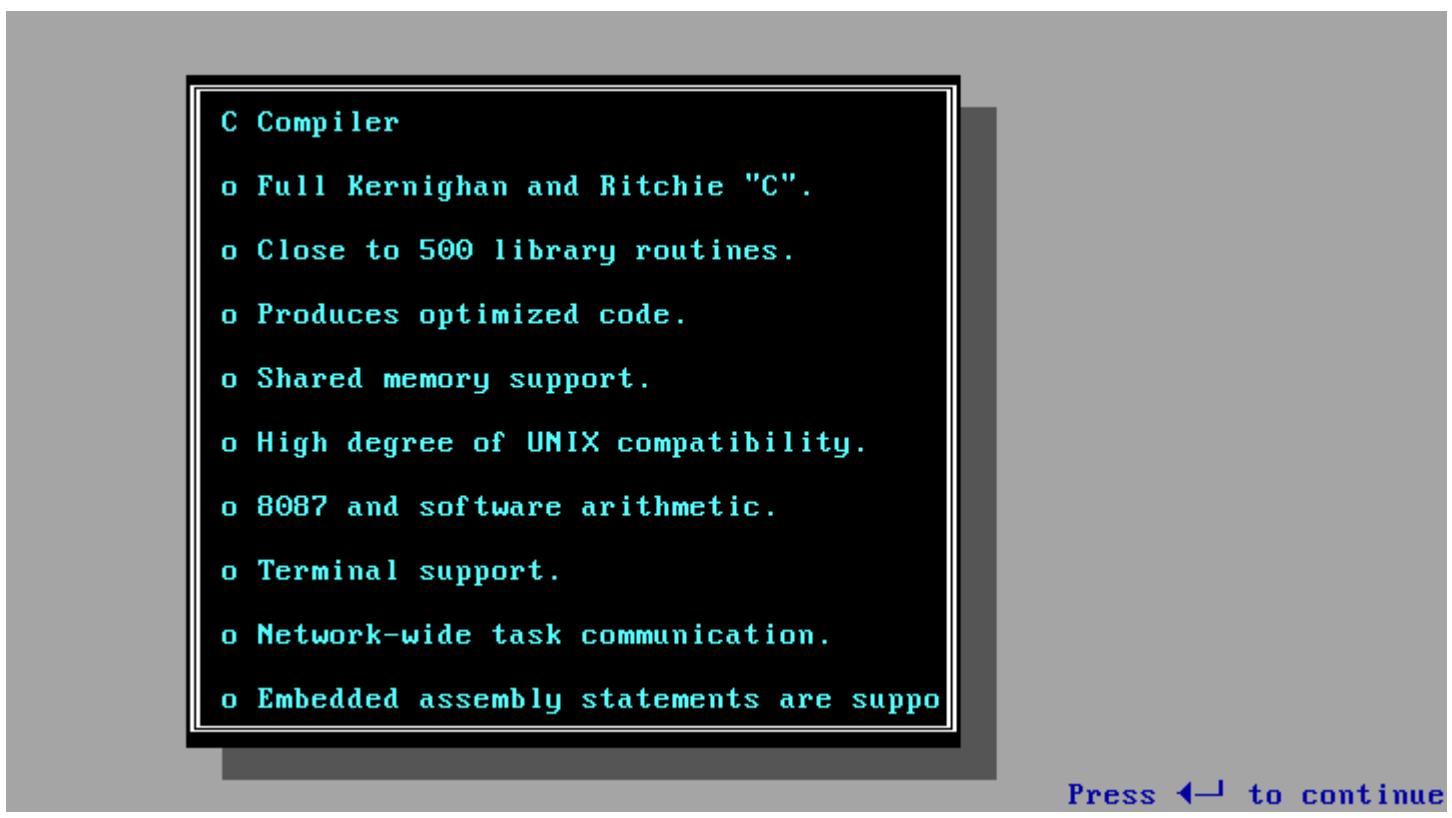

4 games completed
DOS will run on PC's, AT's and the PS/2's but only in REAL mode. That means it treats the 286/386 like a fast P
UNIX will run on PC's, AT's and the PS/2's but watching it run on a PC machine is kind of funny. Unless of c
OS/2 gives you the extra memory DOS won't but it won't run on a PC or the model 25,30 PS/2's. And as for the e y e y t
QNX will run on PC's, AT's and all the PS/2's. You can run it in REAL or PROTECTED mode. You can connect any mix of machines together in a local area network and run the same commands on any machine. QNX will run quite comfortably in a 320K machine. In protected mode this can be expanded to 16 Megabytes. Even on a small PC you still get full multi-tasking, multi-user (both attached terminals and windows) as well as a fully integrated local area network. QNX's real time speed often has it outperforming the competition on PC's when they are running on AT's. QNX is truly in a class by itself.
Press ↵ to continue

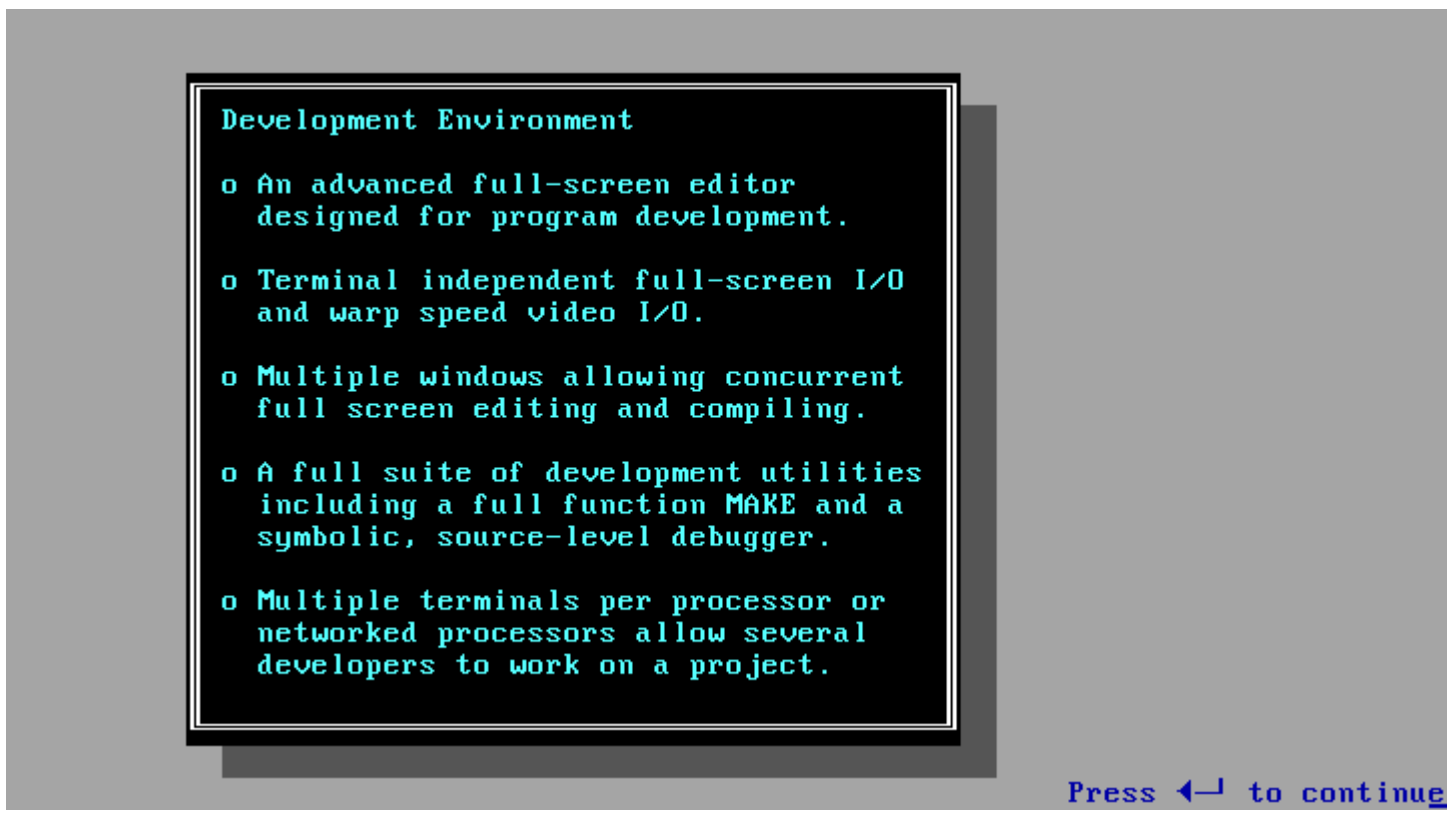
Commands can be run on any machine
Mix machines on the network
320K to 16Meg of memory
Real or protected mode
QNX
QNX
PC
Local Area Network
AT
QNX
QNX
QNX
PS/2
PS/2
PS/2
Press ↵ to continue

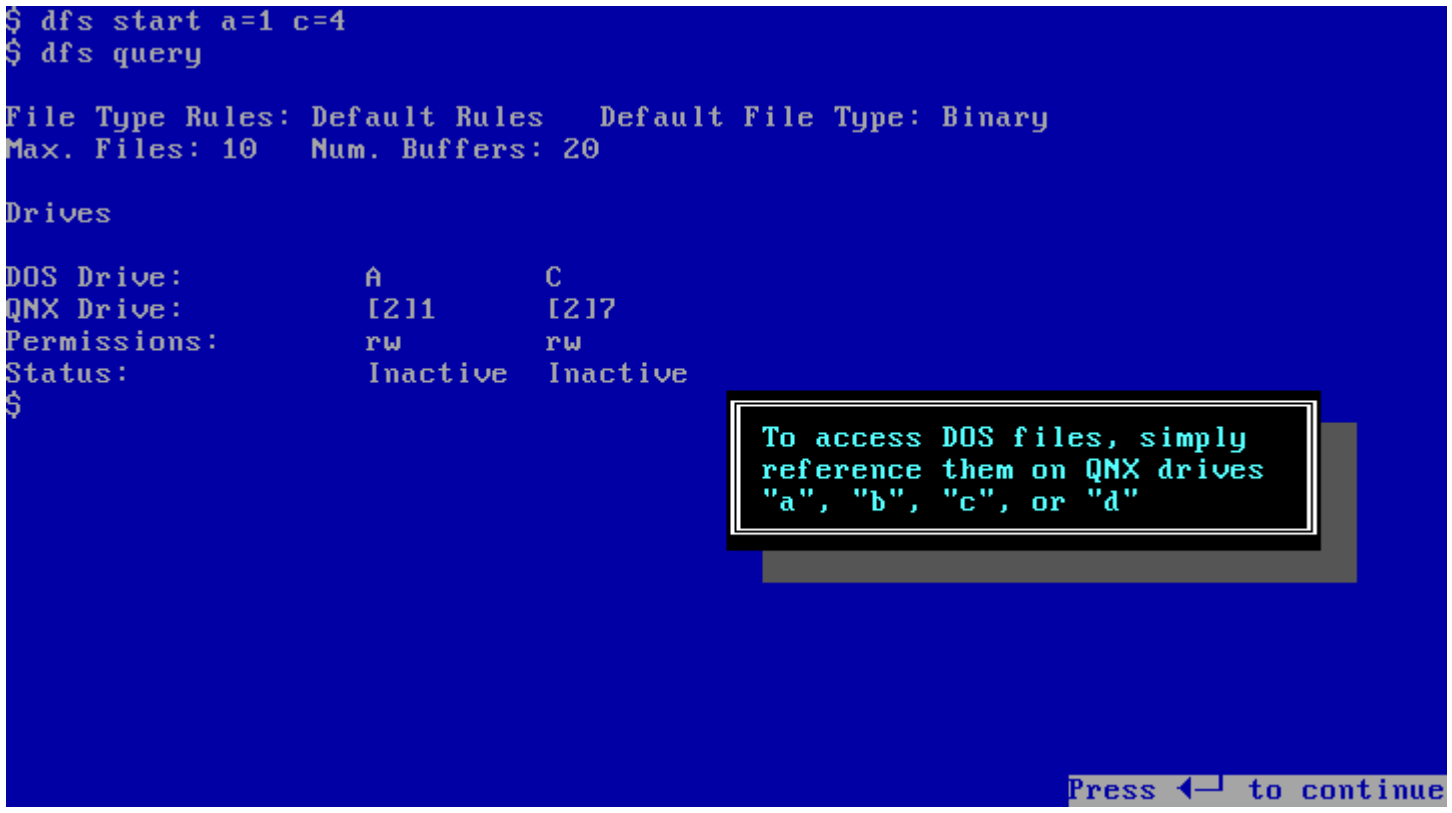

The language for serious program developers
Press ↵ to continue

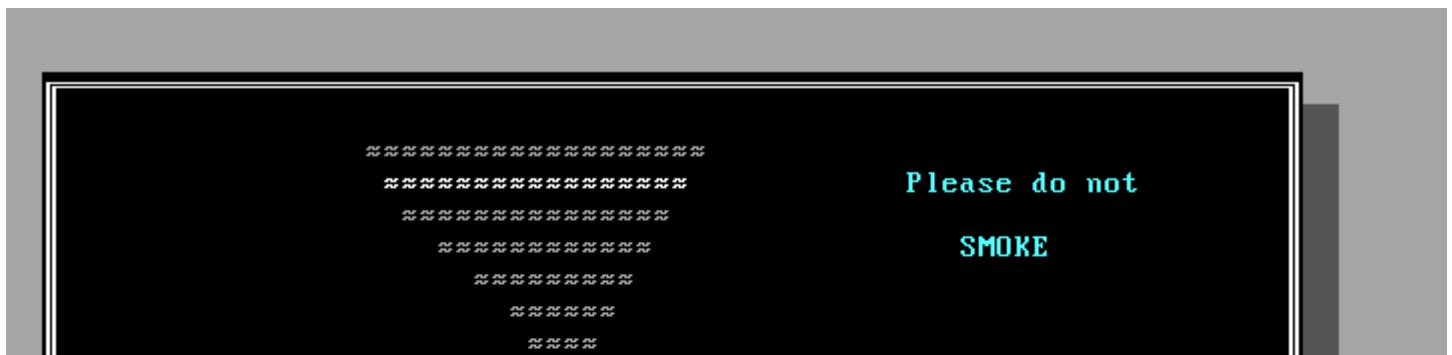

Q X N
BitBus Adapter
Arm Controller
Elbow
Wrist

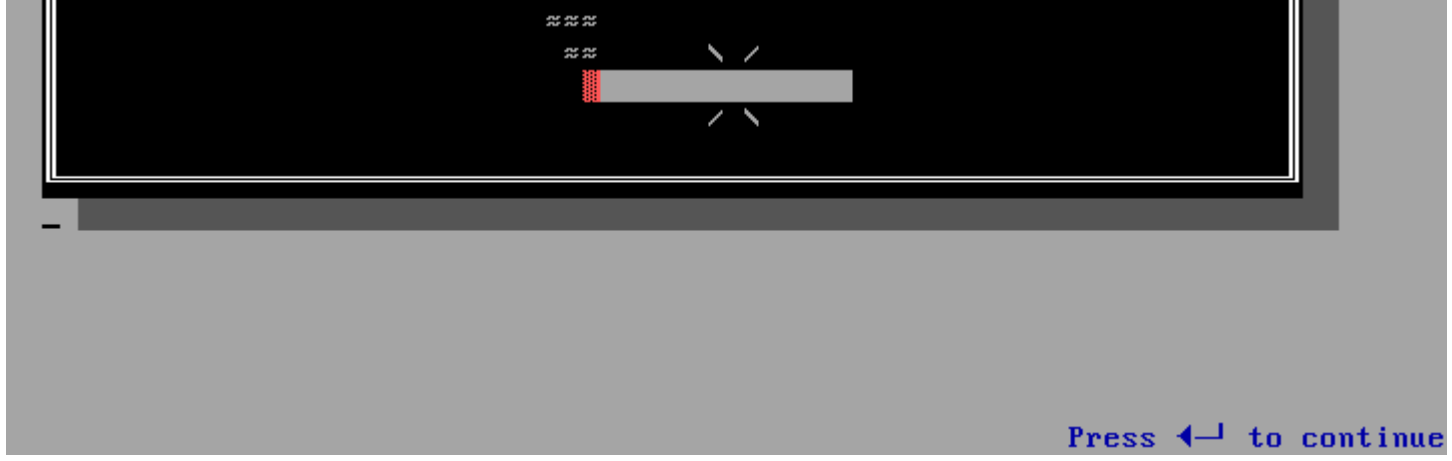

Q X
N
MAP
Adapter
Industrial
Welding
Robot
Robot Controller
Press ↵ to continue


C Compiler
o Full Kernighan and Ritchie "C".
o Close to 500 library routines.
o Produces optimized code.
o Shared memory support.
o High degree of UNIX compatibility.
o 8087 and software arithmetic.
o Terminal support.
o Network-wide task communication.
o Embedded assembly statements are suppo
Press ↵ to continue

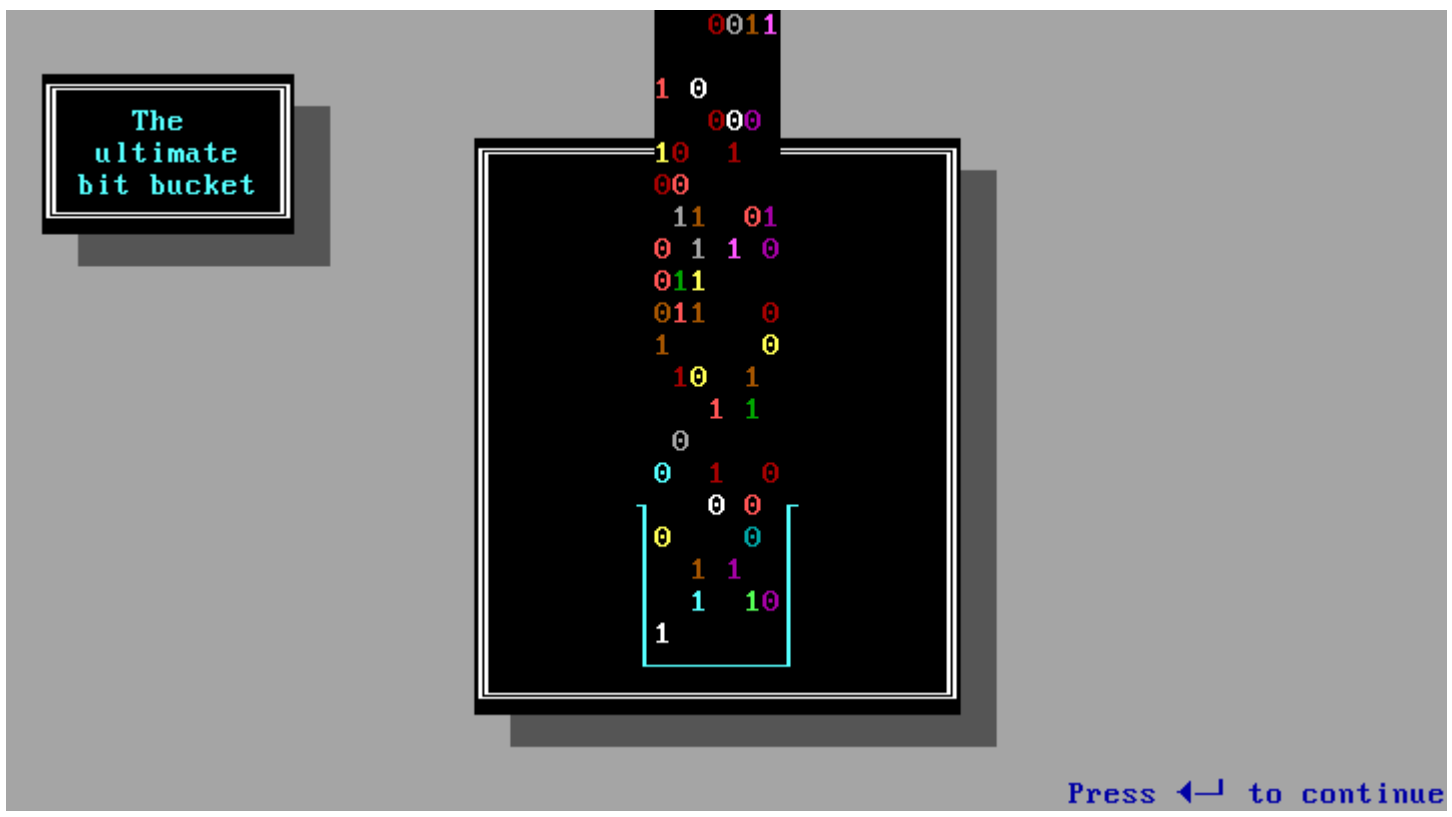

Development Environment
o An advanced full-screen editor designed for program development.
o Terminal independent full-screen I/O and warp speed video I/O.
o Multiple windows allowing concurrent full screen editing and compiling.
o A full suite of development utilities including a full function MAKE and a symbolic, source-level debugger.
o Multiple terminals per processor or networked processors allow several developers to work on a project.
Press ↵ to continue


$ dfs start a=1 c=4
$ dfs query
File Type Rules: Default Rules Default File Type: Binary
Max. Files: 10 Num. Buffers: 20
Drives
DOS Drive: A C
QNX Drive: [2]1 [2]7
Permissions: rw rw
Status: Inactive Inactive
$
To access DOS files, simply reference them on QNX drives "a", "b", "c", or "d"
Press ↵ to continue

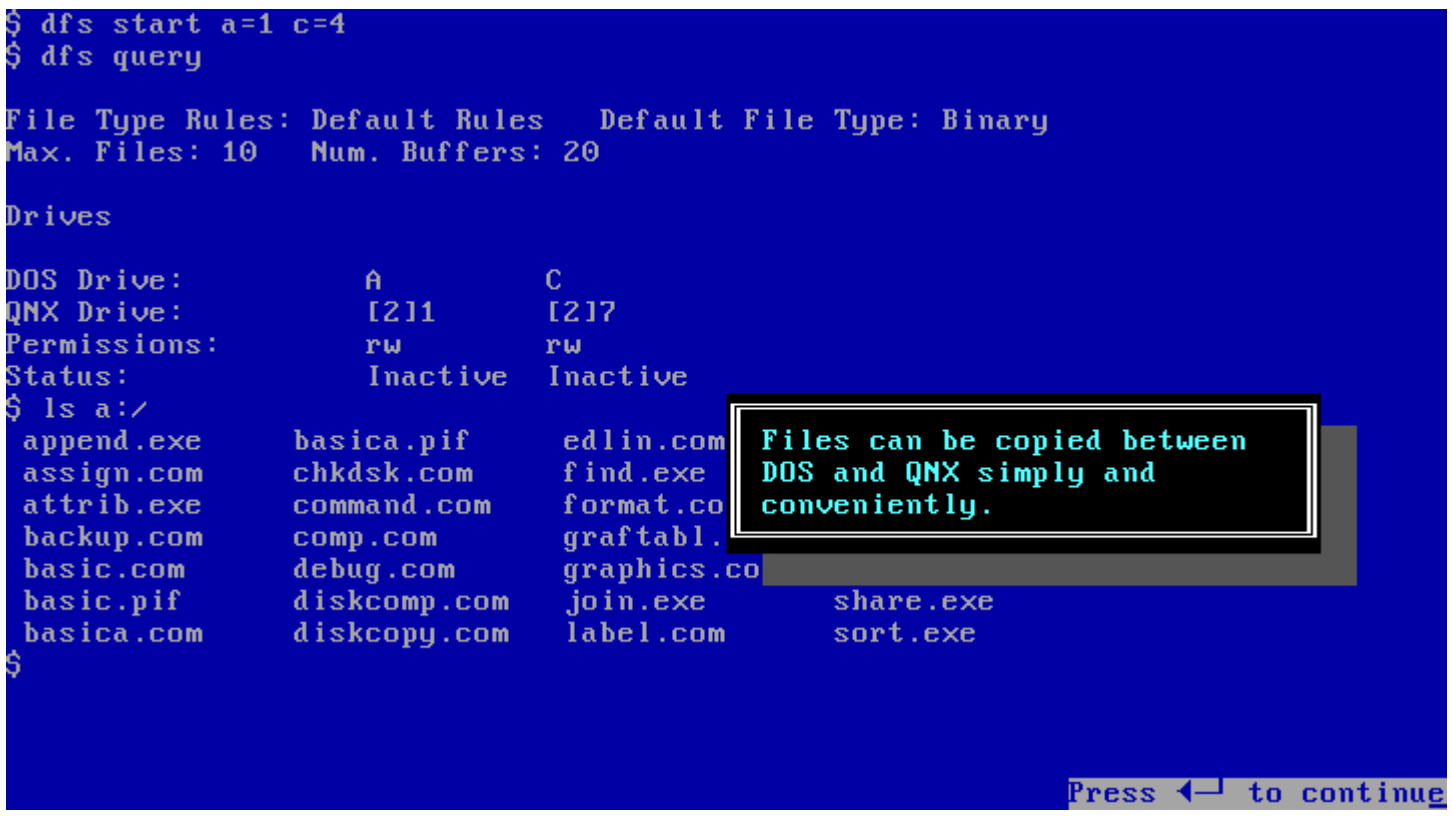

Please do not
SMOKE



Press ↵ to continue



Press ↵ to continue



(I really like the bit bucket. Years ago I wrote a Linux kernel driver for such a device from signetics https://github.com/spacerace/write-only-memory)

Comments by