Date: Thu, 19 Sep 91 17:56:04 PDT

As of 6:10PM, we are at 101 bugs resolved today.

This is the third day in a row that we've resolved >100 bugs.
Congrats team! this is fantastic. keep up the good work!

#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.
From brankt Thu Sep 19 18:41:02 1991
To: tmale
Cc: dozedev kerry vanguard
Subject: End of day report
Date: Thu Sep 19 18:39:27 PDT 1991

1) Bugs
Running Windows 3.0 Enhanced under DrDOS I get "Insufficient Memory" when going to a DOS prompt and using ENHES6.SYS as an UMB provider.
If I boot DOS 5 from floppy and use DOS 5's EMU86.EXE as an UMB provider in virtually the same configuration, I can start a couple DOS prompts before I get insufficient memory. As best I can tell there isn't that much of a difference in the memory footprints between the DrDOS and DOS 5. I put my config in \\guns"user"brankt"droids and windows. If anyone wants to look at them. My machine only has 640K + 1280K extended.

Win 1 will not install over DrDOS. Get "Untrapped protected mode exception" or "Incompatible XMS manager..." depending on configuration (UMBs, no UMBs).

2) Dislikes
DrDOS editor sucks!

They can't run windows in Standard mode with UMBs. If you look closely at what the AWINED switch does, you'll find it basically turns off UMBs! DOS5's EMU86 can't do this either, at least until it's replaced with the one from Win1.

3) Likes
I liked their method of conditionally loading device drivers in the config.sys by putting a "*" in front of the driver.

#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.#.
From tonyka Thu Sep 19 18:44:04 1991
To: tmale
Cc: brankt dozedev jefflo vanguard
Subject: DR-DOS 6.0 Testing($19)
Date: Thu Sep 19 18:42:27 PDT 1991

0) DR-DOS 6 and MS DOS 5 Free Memory Comparison
On a PS/2 50Z (286), with the following equivalent CONFIG.SYS:
DR-DOS 6
BUFFERS=10
FILES=10
LASTDRIVE=E
HIDDB=ON
DEVICE=HIDDB.SYS /P=FFF
Free conventional memory: 634,928 bytes

Winner: MS-DOS by 2,448 bytes.

On memory management feature of DR DOS is that unoccupied RAM is available for HILOAD, i.e. device drivers and TSRs are loaded first into available RAM and then into UMB. Therefore on a 286 system, you can HILOAD. With HIBUFFERS=10, free RAM: 2,960 bytes; HIBUFFERS=15, free RAM = 10,080 bytes; HIBUFFERS=6, free RAM = 14,576 bytes. This is a pretty neat feature.

On a DTK 386 3Mb system, with the following equivalent CONFIG.SYS:
MS-DOS 5
BUFFERS=10

MS-PC 1179204
CONFIDENTIAL

MS 5065292
CONFIDENTIAL

PLAINTIFF'S EXHIBIT
480
A. No. 296CV 645E
Dr. DOS beats us on a 386 system by 12,560 bytes conventional; their EMS386 is a combined EMS provider and expanded memory manager. I don’t understand why MS DOS only gives 95K EMS, maybe I need to include some region on em386 line.

1) Please include all bugs in DR-DOS that are not in MS-DOS.
   From Intel TESTDM test suite Boundary test:
   Allocating more (expanded memory) pages than available in system EMS did not return the expected result (returned 12 instead of 9A).

   DR DOS reports version as 3.31; no file table and programs won’t run.
   Their EDITOR looks antique (compared to ours), haven’t used WordStar for ages.
   Install/Setup seems to like putting “MEMX -L -W” in AUTOEXEC.BAT, disabling EMS and low memory (first 64K of conventional). That’s pretty dumb.

2) Anything you did not like about DR-DOS.
   Their EDITOR looks antique (compared to ours), haven’t used WordStar for ages.
   Install/Setup seems to like putting “MEMX -L -W” in AUTOEXEC.BAT, disabling EMS and low memory (first 64K of conventional). That’s pretty dumb.

3) Anything you like about DR-DOS that we should add to future MS-DOS versions.
   Install/Setup seems to like putting “MEMX -L -W” in AUTOEXEC.BAT, disabling EMS and low memory (first 64K of conventional). That’s pretty dumb.

4) Any general comments.
   I hate to say I find more stuff I like than I don’t like, but that’s looks like it, at least for today’s testing. Let’s find some big bugs tomorrow.

### From JeffZo Thu Sep 19 18:45:06 1991
To: tame
Cc: brent@dosdev vanguard
Subject: DR DOS Testing (9/19), Networks
Date: Thu Sep 19 18:50:48 PDT 1991

### From GeorgeC Thu Sep 19 18:47:32 1991
To: dosdev vanguard
Subject: DR notes
Date: Thu, 19 Sep 91 18:46:09 PDT

I have not participated in the IR testing, but I do have a couple comments:

1. Their v5.0 reported v3.31 from the INT 21h, ax2000h call. Does v6.0 do this also?

2. One of the PC Mag guys (Dvorak?) mentioned DR-DOS 6.0 in his inside track column. However, he was talking about the DR-DOS 6.0 that DRI promised a year ago (p-mode, multitasking, etc), not the one they just released. It's going to be embarrassing for DRI when people find that 6.0 is not all that an impressive change.

-gf

Privileged material redacted