

Many enhancements to enhance mode boot and DOS virtualization

- MVDI w/o windows
- Smooth transition cougar-windows and back
- Terminate DOS DDs on Boot
- SCSI init handoff RM FAT -> FlatFAT/SCSI
- Cut/Paste between DOS boxes
- Individual VM configuration
- Reclaim physical pages in VMs
- etc.

Rebuild all VxDs with MASM 6/C8 (Previously MASM 5.1)
New Layered Serial Comm Driver

Panther

32-bit application support
Complete support of Base API Set (Module threading differences)

- 32-bit native memory manager
- Threading
- Separate Address spaces
- Basic Preemption of (non-message) threads
- Full Synchronization
- Memory Mapped Files
- Sparse memory
- Win32s level of GDI and User (Win 3.1 equivalent API)
- Console API (32-bit char-mode app support)

Win 3.1 components modified as needed to provide above.

All of the components listed above, except those we are dependent on Thomas and Gordon for are on or ahead of schedule. The reason that this date is critical is that we have 1.5 years worth of largely untested code being integrated into the kernel of this product. We have prioritized all kernel changes above anything else to get to the point where we can achieve kernel stability and keep it for the rest of the project, and become self hosted on a reliable system. I do not feel it is safe for us to build any additional functionality into the system until these base components have been completely functionally and stress tested. Our plan for the last 3 months has been completely oriented achieving this May 15 System test-entry (note: not code complete, but code complete + integrated and component tested) date. Our schedule beyond 6/30 is completely dependent on making the 6/30 stability date.

To miss this date would be both a schedule and morale hit to the team.

John, if you would like more info on our plan to reach 5/15 or what we are doing after that, and why this is so important, I'd be glad to get it for you. I'm documenting it in detail for our review with Paul next week anyway. Just let me know.

Mack

From: Brad Silverberg
To: Brad Silverberg; Richard Tong; Terry Bourne
Cc: Bob Ferguson; Brad Chase; Joseph Krawczak; Patty Stonesifer; Sharon Hornstein
Subject: RE: URGENT HEADS UP...DR DOS & PSS
Date: Thursday, April 09, 1992 2:00PM

windows is designed and tested for ms-dos. not dr-dos. it says MS-DOS on the box, not MS-DOS or DR-DOS... this is what to tell the world (in a nice way). using a system other than ms-dos puts the user at his own risk. it says this very clearly first thing in the readme.

there is another "fix" for them : use ms-dos. that should be mentioned in addition to telling them that digital research is providing them with a new version.

maybe we should have left ms-dos detection in the product!

MSC 00515934

From: Terry Bourne
To: Brad Silverberg; Richard Tong
Cc: Bob Ferguson; Brad Chase; Joseph Krawczak; Patty Stonesifer; Sharon Hornstein; Terry Bourne
Subject: URGENT HEADS UP...DR DOS & PSS
Date: Thursday, April 09, 1992 10:54AM

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