

Bruce Neiminen

From: David Cole
To: bradsi
Subject: FW: DR-Dos WinFix (long)
Date: Friday, April 10, 1992 10:59AM

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Someone needs to set the record straight on this. Mail like this only confirms that Windows and DR is an ok combo.

From: Kai Kaltenbach
To: DOS Reps; SE's Only
Cc: libbyo; Randall Magliozzi
Subject: Re: DR-Dos WinFix (long)
Date: Thursday, April 09, 1992 04:00PM

Here is the relevant portion of DR's README file for their Windows 3.1 fix for DRDOS 6:

Additional information

This section of the Release Notes describes features of DR DOS 6.0 that are not explained elsewhere in the DR DOS 6.0 documentation.

Microsoft Windows 3.1

DR DOS 6.0 is fully compatible with Microsoft Windows 3.1.

The Windows 3.1 default drive for temporary swap files is the drive on which Windows was installed. If Windows is installed on a SuperStor drive it is recommended that users change the default drive for swap files to an uncompressed drive. This should be done for both temporary and permanent swap files. Use the 386 Enhanced option from Control Panel to change swap files.

If Super PC-Kwik is already loaded when you install Windows 3.1, you are informed by the Windows SETUP program that SUPERPCK.EXE is running and you are warned that your system may fail; ignore this message and continue with the Windows installation procedure.

Windows 3.1 makes changes to autoexec.bat and config.sys on installation. It is recommended that you make a backup of these files.

By default, Windows installs the SMARTDrive disk cache program

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and the HIMEM.SYS memory manager. However, the DR DOS 6.0 disk cache, Super PC-Kwik, and the DR DOS 6.0 MemoryMAX drivers provide superior functionality over the Windows 3.1 SMARTDrive disk cache and HIMEM.SYS. To use Super PC-Kwik and the DR DOS MemoryMAX drivers, instead of SMARTDrive and HIMEM.SYS, you simply remove one line from your autoexec.bat and config.sys files. Edit autoexec.bat to remove the line

C:\WINDOWS\SMARTDRV.EXE

and edit config.sys to remove the line

DEVICE = C:\WINDOWS\HIMEM.SYS

The above lines should be removed after Windows 3.1 has been installed but prior to rebooting.

If you are using the DR DOS 6.0 EMM386.SYS MemoryMAX driver, Windows may also replace the EMM386.SYS line in your config.sys file with the Windows EMM386.EXE line. As a result of this change, your system may generate an error message when rebooting. The EMM386 line should be changed back to its original form after installing Windows 3.1 for your system to boot properly. Refer to the backup of your config.sys to be sure that you have the correct syntax.

The Windows 3.1 installation will also insert a STACKS command into the CONFIG.SYS. Even though DR DOS does not use a STACKS command the line can be left in CONFIG.SYS. No error will result.

DR DOS 6.0 is compatible with both the SMARTDrive disk cache and with HIMEM.SYS. If you want to continue using these drivers, you must run the DR DOS SETUP program, and remove MemoryMAX and Super PC-Kwik. However, if you do use SMARTDrive instead of Super PC-Kwik, do not use the SMARTDrive + option to enable caching on a SuperStor compressed drive. Unexpected errors may result when this option is used.

EMM386.SYS supports upper memory for Windows 3.1 running in Standard or Enhanced mode. You no longer need to use the /WINSTD option on the EMM386.SYS command line to run Windows 3.1 in Standard mode.

NOTE: Machines that have LPT1 ports and are using NE2000 network cards configured for I/O address 360 have occasionally hung or had trouble running DOS applications under Windows 3.1. If this is encountered, try setting the NE2000 for a lower I/O address.

Using Microsoft Windows 3.0 in Real mode

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Note that before you load Windows in Real mode, you should ensure that upper memory (and additional memory created by the /VIDEO option of EMM386.SYS or HIMEM.SYS) are disabled. Upper and Video memory are disabled by default, but you can also use the following MEMMAX command if necessary:

MEMMAX -U -V

LOCK and Microsoft Windows

You can use the DR DOS LOCK program, to temporarily lock your system, when you are running Microsoft Windows.

To install LOCK under Windows, do the following:

1. Load Windows and select the program group in which you want LOCK to appear (the ACCESSORIES group, for example).
2. Open the Program Manager File menu and select the "New" option. Then select "Program Item" in the dialogue box and press OK.
3. Enter "DRJ Lock" in the "Description" field of the next dialogue box and "LOCK.EXE" in the "Command Line" field. Then press OK.
4. The LOCK icon, a red padlock, now appears in the program group you selected.

To use LOCK under Windows, do the following:

1. Click twice on the LOCK icon to run LOCK. Press the "Lock system" button to lock the system.

If your system is secure (that is, you have installed system security), your computer locks immediately. Enter your existing User or Master password to unlock it.

If your system is not secure, you are prompted for a password to lock it.

Note that if you want to hide the contents of your screen, select the "Hide Screen" option. The screen is restored when you enter the correct password.

Super PC-Kwik and Protected Mode Applications

If you get an "out of memory" error from protected-mode applications such as Lotus 1-2-3 R3.1 or AutoCAD R11

(which use DOS extender technology), make sure that Super
PC-Kwik is configured with enough reserved memory in SETUP
or use the /R:nnnn switch with the SUPERPCK command.

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Bruce Neiminen

From: David Cole
To: Brad Silverberg
Subject: RE: DR-Dos WinFix (log)
Date: Friday, April 10, 1992 3:59PM

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A statement to the field that states what the situation is and our policy. Kaikal's mail basically gives the message that DR-DOS and Windows are an OK combo. I don't think this is the message we want. It's up to you though on how you want this dealt with.