

O&O® DEFRAG V.2

**Get Higher Performance
under Windows NT!**

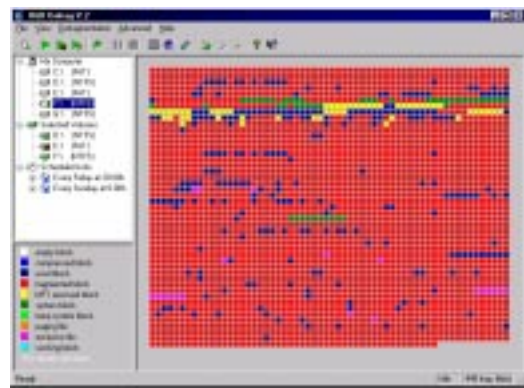
**Fragmented files can
significantly slow down
your Windows NT
system up to the half of
the original speed!**

**Defragmentation on a
regular basis prevents
you from suffering
performance loss - and
by using
O&O® Defrag V.2 it is
easier than ever before!**

Every user wants a faster PC system. But not only the hardware is responsible for your system performance. The operating system and its file organization have a great influence on this issue. The most often encountered problem is the fragmentation of files, i.e. files are spread in many small pieces all over the hard disk. Reading such files takes longer, because every single fragment must be searched and read individually. It is this problem which has dramatic effects under Windows NT. The longer your system runs, the more files get fragmented and the more the performance decreases. O&O® Defrag eliminates this problem and gets you lost performance back. It reorganizes your hard disk and speeds up all file accesses. Introducing the new version 2, we have again improved our successful O&O® Defrag significantly!

A redesigned user interface as well as added drag & drop functionality combine the well-known easy-to-use interface of O&O® Defrag. You may now select particular volumes and the appropriate defragmentation method: SPACE for a quick consolidation of all your files, COMPLETE/Name for a complete defragmentation including

alphabetical sorting of the files by name, and COMPLETE/Date for sorting by the date of last modification. The external scheduler for O&O® Defrag jobs has now been integrated into the main view, providing you with all needed information at a glance. Adding volumes can be simply done by drag and drop. The new scheduler also allows you to create a job for several volumes, each with a different defragmentation method set. It could not be easier!



In addition to the improvements of the interface, we also optimized the algorithms, although O&O® Defrag's previous release has even been Editor's Choice in the PC-Professionell 1/99 for the most effective defragmentation of all programs. With version 2 you now get the best defragmentation for Windows NT ever!

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Fragmentation, Windows NT and O&O® Defrag

Fragmentation results from saving your files to your hard disk. Many files vary in size; they are made smaller, larger or even get deleted. In order to make this process as fast as possible, the operating system tries to change the physical storage as little as possible, i.e. in the case of expanding a file, additional space gets occupied. But this space is normally scattered throughout the hard disk.

The more file changes are carried out, the higher is the resulting fragmentation. Even Windows NT is suffering from this phenomenon. You can only solve this problem by using a disk defragmenter. O&O Defrag is such a tool, and offers this function to every user of Windows NT 4. You can choose between three defragmentation methods, which differ in speed and method of reorganization. SPACE defragments the files time-efficiently, i.e. the defragmentation is carried out as fast as possible. COMPLETE/Name not only defragments, but also reorganizes your hard disk in order to prevent a new fragmentation. All files are placed in alphabetically ascending order of their names and paths. This prevents the hard disk from repositioning the read-write-head when consecutive files are read. And finally, COMPLETE/Date has been optimized for file and database servers. In this mode, all files are sorted by the date of last modification. Rarely altered files, e.g. system and program files, are placed at the beginning of the partition, and files, which get changed a lot, are

placed at its end. This minimizes the time needed for following defragmentation runs, because only files that changed have to be defragmented.

Highlights of Version 2

- Support for all filesystems under Windows NT (FAT, FAT32, NTFS, NTFS and Volume Sets, Stripe Sets, RAID etc.)
- Boot-Time-Defragmentation of NT paging files and selectable other files, e.g. registry, locked database files
- Enhanced configuration options, e.g. individual selection of volumes to be defragmented
- Display of registry and paging files in O&O Defrag's ClusterWindow
- Optimized algorithms for quick defragmentation (SPACE-method) and complete reorganization of your volumes for optimal performance gain (COMPLETE-methods)
- Integrated scheduler allows background defragmentation at user-defined times
- Integration of several protection mechanisms to ensure the highest data safety possible

System requirements

Hardware

- PC-System with Intel 486 (Pentium recommended) or compatible processor
- 16 MB RAM (32 MB recommended)
- 10 MB available hard disk space
- CD-ROM-drive
- VGA-adaptor (min. 640x480/16 colors), keyboard, and mouse

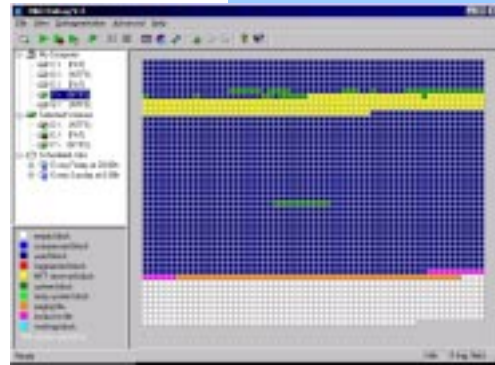
Software

O&O Defrag V.2 runs under the following operating systems:

- Windows NT 4.0 Workstation or Server with at least Service Pack 2 installed
- With Service Pack 4 support of NTFS5
- Support for FAT32 under Windows NT 4 with Winternals FAT32-driver*

Access requirements

You must be a member of the local administrator-group or have similar rights to install and configure O&O Defrag.



* O&O Defrag supports the FAT32-driver of Winternals Inc. (at least V1.06 is required), which you can download from <http://www.winternals.com>.

For more information, please contact



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