

10/27/09 - Optimize Performance by Automatically Defragging on Idle

Hard drive speed is one of the biggest performance bottlenecks for computers today. File fragmentation slows things further if left unchecked.

Until recently, I rarely recommended defragging because the difficulty and time required for running manual scans, but now I recommend Smart Defrag. It'll automatically defragment your hard drive when it's idle. And if you're going to be away from your computer for a few hours, running a 'Fast Optimize' will help as well.

So, what is defragging anyway? If you've ever read a Choose Your Own Adventure book, you know that at the end of each page you are presented with a couple of choices, and you continue reading by flipping to the page for that choice. Likewise, when files are fragmented, your hard drive has to skip forward and backward to finish reading a file, which slows down performance. Defragging fixes this problem by moving files so that they can be read sequentially. It also optimizes performance by placing the most frequently used files first on the hard drive.

Smart Defrag 1.20

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<input type="checkbox"/> Volume	Status	File System	Size	Time
<input checked="" type="checkbox"/> C:\	Optimized defra...	NTFS	298.02G	Remaining time: 01:38:37
<input type="checkbox"/> G:\	Idle	NTFS	0.01G	-

Start Fast Optimize Stop Pause View report

Defragments and fast organizes drive data to eliminate blank space for optimal disk performance.

C:\UBCD4Win\BartPE3\I386\SYSTEM32\C_20866.NLS

Free space Rarely used Frequently used Directories MFT Immovable Fragmented Moving to

Total Files and Dirs: 143878 Fragmented Files and Dirs: 0 Turn off computer after defragment