

## Content of Analyze Volume Defragmentation.vbs ( Site 1 )

' Description: Analyzes the defragmentation status of all the volumes on a computer. This is equivalent to running defrag.exe with the command-line options -a (analyze) and -v (verbose).

```
strComputer = ""
Set objWMIService = GetObject("winmgmts:"
& "(impersonationLevel=impersonate)!\" & strComputer & "\root\cimv2")
Set colVolumes = objWMIService.ExecQuery("Select * from Win32_Volume")
For Each objVolume in colVolumes
errResult = objVolume.DefragAnalysis(blnRecommended, objReport)
If errResult = 0 then
Wscript.Echo "Average file size: " & objReport.AverageFileSize
Wscript.Echo "Average fragments per file: " & _
objReport.AverageFragmentsPerFile
Wscript.Echo "Cluster size: " & objReport.ClusterSize
Wscript.Echo "Excess folder fragments: " & _
objReport.ExcessFolderFragments
Wscript.Echo "File percent fragmentation: " & _
objReport.FilePercentFragmentation
Wscript.Echo "Fragmented folders: " & objReport.FragmentedFolders
Wscript.Echo "Free soace: " & objReport.FreeSpace
Wscript.Echo "Free space percent: " & objReport.FreeSpacePercent
Wscript.Echo "Free space percent fragmentation: " & _
objReport.FreeSpacePercentFragmentation
Wscript.Echo "MFT percent in use: " & objReport.MFTPercentInUse
Wscript.Echo "MFT record count: " & objReport.MFTRecordCount
Wscript.Echo "Page file size: " & objReport.PageFileSize
Wscript.Echo "Total excess fragments: " & _
objReport.TotalExcessFragments
Wscript.Echo "Total files: " & objReport.TotalFiles
Wscript.Echo "Total folders: " & objReport.TotalFolders
Wscript.Echo "Total fragmented files: " & _
objReport.TotalFragmentedFiles
Wscript.Echo "Total MFT fragments: " & objReport.TotalMFTFragments
Wscript.Echo "Total MFT size: " & objReport.TotalMFTSize
Wscript.Echo "Total page file fragments: " & _
objReport.TotalPageFileFragments
Wscript.Echo "Total percent fragmentation: " & _
objReport.TotalPercentFragmentation
Wscript.Echo "Used space: " & objReport.UsedSpace
Wscript.Echo "Volume name: " & objReport.VolumeName
Wscript.Echo "Volume size: " & objReport.VolumeSize
If blnRecommended = True Then
Wscript.Echo "This volume should be defragged."
Else
Wscript.Echo "This volume does not need to be defragged."
End If
Wscript.Echo
End If
Next
```