DataOptimizer

Sequence-Aware File Defragmentation
Everything back in shape. Sequentially.

DataOptimizer is one of Bright Technologies' high-performance, sequence-aware media file management applications and the only professional file optimization tool that's been specifically designed for the media and entertainment industry.

As one of the most advanced and sophisticated defragmentation options available today, DataOptimizer includes a range of unique features to improve the efficiency of any shared media environment operating on StorNext®FS or Hyper FS™.

Improve System Performance. Continuously.

Like every defragmentation tool, DataOptimizer **heals your file system** as it restores optimal file arrangement by optimizing the file layout on the disk. But DataOptimizer can do more: by being sequence-aware, DataOptimizer creates **large contiguous portions of files**, thus generating **higher levels of throughput**, thus bringing **improved efficiency** to your workflow.

Clean up your storage with multi-threads and data rate throttling.

With its multi-threaded intelligence, DataOptimizer **restores the performance** of the file system in your shared media environment in the most efficient and productive way, taking full advantage of available hardware resources. **Throttle data rates** as needed and control the impact on other users.

Efficient and safe.

DataOptimizer **analyzes the current status of file organization** and does not optimize files that are already optimally organized - and generates human readable reports of the **status of file organization** and whether they need optimization or not. To safeguard your content, DataOptimizer also **verifies data** before making any permanent changes.

Advanced Software Technology **for Media**

Key Features

Cross-Platform (Windows, OSX, Linux);
Command-line power;
High-performance optimization;
Multi-threaded intelligence;
Optimize large set of file sequences, no matter the size of the sequence;
Takes full advantage of StorNext®;
Pre-analyzes file organization;
Reports status of file organization;

Supported OS

RedHat/CentOS 5u2+ 32/64 bit
RedHat/CentOS 6+ 32/64 bit
Windows XP 32/64 bit
Windows Server 2003 32/64 bit
Windows 7 32/64 bit
Windows Server 2008 32/64 bit
Mac OS X 10.6 Snow Leopard 32 bit
Mac OS X 10.7 Lion 32/64
Mac OS X 10.8 Mountain Lion 32/64
Suse 10/11 ES 32/64 bit

Options

Set thread priority;
Adjustable thread count usage;
Adjustable buffer count usage;
Change size of operational buffers;
Use of direct I/O;
Generate human readable reports that are easily integrated in your workflow;

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