

# pdsfast

## HIGH-SPEED, DASD MANAGEMENT, PDS MANAGEMENT, JCL-TRANSPARENT IEBCOPY REPLACEMENT

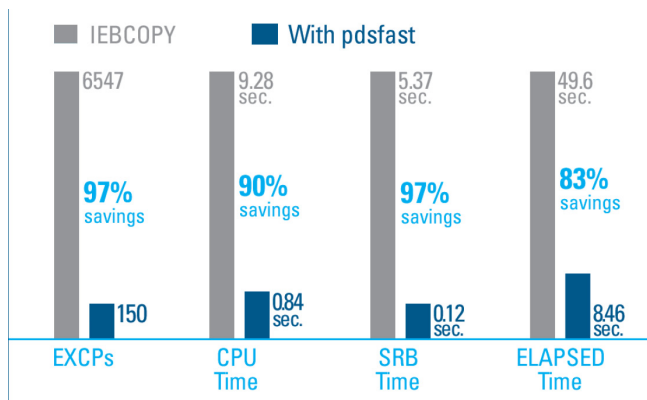
pdsfast is the most comprehensive and cost-effective PDS management tool for the IBM's OS/390 and z/OS environment. pdsfast can save between 50% to 90% of the time and resources used by IEBCOPY. Most of these savings are derived from the thousands of times a day that OEM DASD management products such as DFSS, HSM, and SMP/E dynamically invoke IEBCOPY.

## IMPROVE DASD/DATA MANAGEMENT

pdsfast eliminates the long delays users experience waiting for large PDSs to be compressed. pdsfast speeds up all management functions, curbs DASD growth, and increases the efficient use of system resources, saving you time and money on a daily basis.

## USER BENCHMARK

Copy • 662 members, 606 tracks, 40 cylinders, 21 mb of data



## SPEED, EFFICIENCY AND EASE OF USE

pdsfast can compress, copy, unload and reload PDS data sets 10 to 100 times faster than IEBCOPY, without any JCL changes. The pdsfast ISPF interface provides interactive access to the productivity features supported by pdsfast.

## COMPREHENSIVE DIAGNOSTICS

As an error-recovery tool, pdsfast reports conditions that IEBCOPY does not, such as invalid TTR pointers, incorrectly formatted data blocks, invalid DEBs or DSCBs, and I/O errors. Extensive internal and external error checking detects and prevents errors before they become production problems. Comprehensive diagnostics help avoid costly disasters by detecting bad data sets passed over by IEBCOPY and other utilities, improving data reliability and programmer productivity.

## AUTO FEATURES

The Auto Facility automates many common DASD/data management functions, thus relieving DASD managers and end users from time-consuming, repetitive, and error-prone tasks. By preventing unnecessary job reruns it also increases productivity.

In addition, the Auto Facility augments basic PDS functionality through features such as:

- Automatic compression of data sets
- Automatic allocation of secondary extents
- Automatic resizing of the output directory when the directory is too small
- Automatic reblocking when copying a load library to an output data set with a different blocksize.

## ENHANCED PRODUCTIVITY FEATURES

pdsfast performs high-speed copy and compress operations under ISPF or TSO. pdsfast automatically performs a compress when space is needed and increases the number of directory blocks when more are required. In addition to providing easy access to high-speed performance for on-line operations, pdsfast also offers functions that are not generally available under ISPF.

## PDSFAST TECHNICAL SUMMARY

pdsfast is the ultra-high-speed, JCL-transparent PDS management tool that replaces IBM's IEBCOPY utility and the ISPF copy facility. pdsfast copies and compresses PDSs 10 to 100 times faster than IEBCOPY, resulting in significant savings in time, resources, and money. Over 7,000 installations worldwide use the fastPack products to improve data center performance. Regardless of your installation's size or configuration, pdsfast transparently delivers immediate system-wide improvements to the many critical areas affected by PDS reorganization and backup.

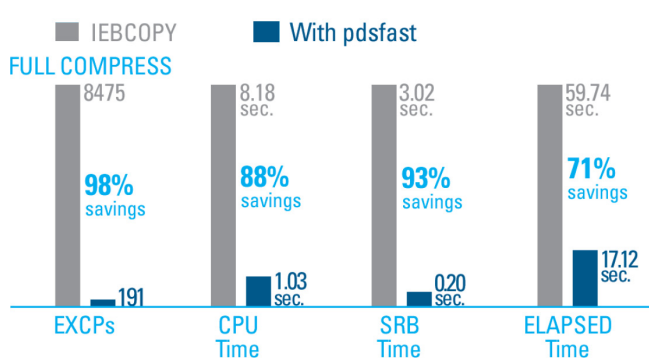
## MORE FUNCTIONS THAN IEBCOPY

pdsfast handles all IEBCOPY and ISPF functions, including ALTERMOD, COPYGRP, and COPYMOD, plus features not available from IEBCOPY and other PDS utilities, such as:

- Auto Features for data set space management
- Automatic LLA refresh option
- Recovery of deleted or replaced members
- Deletion of all members from a data set at once
- Checking a data set for errors and collecting statistics on wasted space, without doing a compress
- Selecting, renaming, and deleting groups of members
- Copying PDS members to a sequential file
- MAPPING member start/end addresses, dead space, and summary statistics

## USER BENCHMARK

Compress • 1059 members, 100 cylinders, 60 mb of data



## IMPROVED PROCESSING

pdsfast speeds up all levels of SMP processing by 75% to 90%. When substituted for IEBCOPY, pdsfast transparently processes all batch JCL streams, ISPF 3.1/3.3 COMPRESS/COPY requests, and dynamic invocations within SMP runs. Anywhere IEBCOPY is invoked, pdsfast can be used for significant savings. No DASD management configuration is complete without pdsfast.

## ENHANCED LIBRARY RECOVERY

pdsfast can copy and compress CICS, IMS DB2, and other database libraries in a fraction of the time required by other PDS utilities, thereby reducing application downtime. This is especially useful in restoring database libraries during disaster recovery. For example, pdsfast reduces elapsed time for a copy or compress of a screen or panel library from 40 minutes to approximately 4 minutes.

## OPTIONAL FAST MEMBER ORGANIZER (FMO)

- Automatic Space reuse
- Archival of unused members
- Member level access control
- And many other features described under fmo

## OPTIONAL FAST DATA SET ORGANIZER (FD SO)

pdsfast is used by fdso to compress, reallocate, and perform directory maintenance on large numbers of data sets on one or more volumes without having to specify the data sets individually, as well as many other features described in more detail under fdso.

### **REDUCE WASTED DASD, CPU TIME, EXCPS, AND ELAPSED TIME WITH SEA'S FAST PACK**

SEA's fastPack is comprised of 5 state-of-the-art DASD management tools. On the DSN and Volume level, pdsfast, fastgenr, fastvsam, and Fast Data Set Organizer (fdso) constitute a suite of ultra-high-speed DASD and data management solutions. Its powerful and flexible reporting facility provides management with an installation-wide view of the DASD subsystem that can be tailored to their needs (broken down by volume, storage group, unit type, pool, etc.)

On the member level, Fast Member Organizer (fmo) is a comprehensive, easy to use, high-speed, member-level monitoring and management tool that can dramatically reduce DASD space consumption by archiving unreferenced PDS members and by reusing disk space.

Using fastPack, installations can recover automatically from many out-of-space conditions during processing, backup huge volumes of VSAM data, defragment volumes incrementally without requiring exclusive access to the volume, and a whole host of other functions.

As transparent replacements for the IBM utilities IDCAMS, IEBCOPY, and IEBGENER, which are invoked thousands of times a day, the fastPack components can deliver significant resource savings.

With fastPack, SEA is uniquely positioned to help modern data centers not only maintain and maximize their investment in DASD but also improve their system performance, extend DASD capacity by up to 20%, and keep pace with its continued growth through improved automation and management.

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SEA provides the highest quality technical support in the industry for all of its products, 24 hours a day, 7 days a week, worldwide.

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