

# Eclipse Reorganization Utilities™

## TAKE CONTROL.

- Provides a single tool set for fast, reliable reorganizations
- Reduces the cost of computing by utilizing zIIP processors
- Reduces CPU times and elapsed times for reorganizations by more than half
- Performs consistently regardless of the level of database disorganization
- Reorganizes IMS full function, Fast Path (DEDB), HALDB, and PDF™ databases
- Integrates utilities seamlessly in addition to providing stand alone functionality
- Processes Fast Path (DEDB) databases in batch and online
- Implements easily with built in compatibility for existing IMS utilities
- Simplifies the migration to HALDB and PDF databases

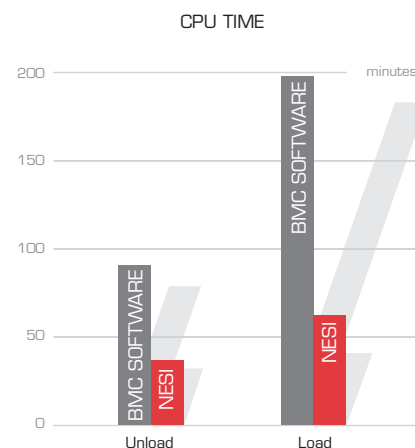
The demands for databases in today's global market is non-stop. Not only do the databases have to be available 24X7, but they have to be performing at 100%. The Eclipse Reorganization Utilities are a new generation of high performance utilities that see that those demands are met.

### Reduces the Cost of Computing

The Eclipse Reorganization Utilities optimize resources and lower the total cost of computing by utilizing the IBM System z9 Integrated Information Processor (zIIP) and Service Request Blocks (SRBs). Whenever possible, the Eclipse Reorganization Utilities perform processing on zIIPs and use SRB mode. The processing that the utilities move to the zIIPs helps to lower the cost of hardware, lower the cost of software, and can defer processor upgrades and corresponding software upgrade charges by freeing up existing central processing capacity.

### Reduced CPU and Elapsed Times

By exploiting parallel processing and the operating system architecture, the Eclipse Reorganization Utilities consistently out perform competing utilities.



With the Eclipse Reorganization Utilities, CPU time and elapsed time for reorganizations are reduced by one half to one third.

### Performance That You Can Count On

You can count on consistent run times—regardless of the level of database disorganization. A very disorganized database can be reorganized at the same speed and cost as a slightly disorganized database.

### One Tool for All Databases

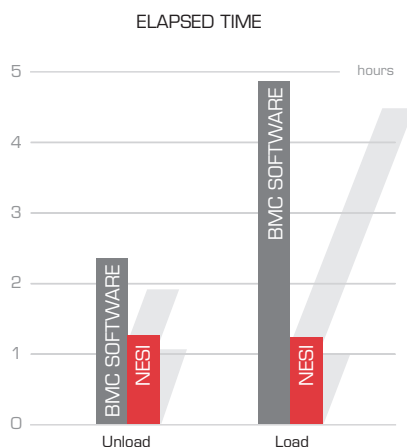
The Eclipse Reorganization Utilities combine support for IMS full function, Fast Path (DEDB), NEON Enterprise Software's PDF, and HALDB databases. It is no longer necessary to use separate sets of utilities for the different types of databases.

### Seamless Integration

Each of the utilities can be run stand alone or concurrently for increased job efficiency. The tool set includes these utilities.

*Eclipse iUnload™*—A high-performance, self-tuning unload utility

*Eclipse iLoad™*—A high-performance load utility that also includes a feature for quickly increasing the size of a Fast Path database



# Eclipse Reorganization Utilities



*Eclipse iBuild*<sup>™</sup>—An innovative utility that creates and recreates primary and secondary indexes

*Eclipse iCopy*<sup>™</sup>—A flexible image copy utility that includes a FastCopy features that reduces the time that a database is unavailable during the copy.

*Eclipse iCheck*<sup>®</sup>—A thorough pointer checking utility that can validate any index. For databases with logical relationships, logical relationships are validated for directly and indirectly related databases.

*Eclipse iSurvey*<sup>™</sup>—A statistical analysis and reporting tool

## Fast Path (DEDB) Online

The Eclipse Reorganization Utilities contain powerful functionality for Fast Path (DEDB) utilities. For Eclipse iCopy, Eclipse iSurvey, Eclipse

iCheck, and Eclipse iUnload, Fast Path (DEDB) databases can remain online during processing.

## Implementation is Easy

In most cases, the Eclipse Reorganization utilities can be run without changing existing JCL or control statements so that implementation and transition is a snap.

## Fast, Simple Migration to HALDB

Migration to HALDB is fast and simple. The migration process is accelerated because the Eclipse Reorganization Utilities eliminate the need to manually migrate indexes. Eclipse iUnload migrates databases with any type of logical relationships to relationships acceptable to HALDB and PDF. Eclipse iLoad loads the data into the databases while Eclipse iBuild concurrently builds any necessary indexes.

## TAKE CONTROL.

### Supported Databases

- Full function, PDF<sup>™</sup>, and HALDB databases
- DEDB
- HDAM
- HIDAM
- HISAM
- INDEX
- SHISAM
- PHDAM
- PHIDAM
- PSINDEX

### Product Requirements

- An IBM-supported version of z/OS (64-bit mode required)
- If you want to use the Eclipse Utilities zIIP support, you must have an IBM System z9 processor and a zIIP processor.
- If you cannot use the zIIP support and you want to run in SRB mode, you must have either:
  - z/OS version 1.8 or higher
  - z/OS version 1.6 or 1.7 with appropriate APARs installed
- An IBM-supported version of IMS

### Features

- Contains all the utilities to cost effectively maintain all types of IMS databases
- Integrates to perform more than one function in a single pass of the database
- Reorganizes databases or specific areas or partitions
- Includes a command that can reorganize a database in a single step
- Provides a command that quickly validates pointers
- Locates and identifies actual pointers in error
- Creates image copies to meet any requirement and site naming standard
- Provides a FastCopy that speeds the reading of data sets and reduces the time that a database is unavailable for updating during image copies
- Builds primary and secondary indexes stand alone or when integrated in the reorganization
- Expedites the resolution of space related problems by extending Fast Path (DEDB) databases
- Integrates with Mission Control for complete automation, monitoring, and management

For more information, contact NEON Enterprise Software, Inc. at 888.338.6366 or 281.491.6366, or visit our website at [www.neonesoft.com](http://www.neonesoft.com).