

CA Fast Load® for DB2 for z/OS



At a Glance

CA Fast Load® for DB2 for z/OS (CA Fast Load) is a high-speed utility that helps you load large amounts of data into DB2 tables. Its high-speed performance is designed to help minimize the time that your data is unavailable by reducing data load time and loads multiple tables or multiple partitions concurrently. This utility can also create up to eight image copies and reorganize data as part of the load process.

Key Benefits/Results

- **Superior performance.** High-speed loading of data into large tables.
- **Extensive formatting and data conversion options.** Loaded data can immediately be used by other applications.
- **Seamless product integration.** Load data, reorganize it, and create image copies in a single process.

Key Features

- **Performance.** Eliminates DBM1 address space usage with load processing to reduce CPU overhead. Uses multiple SYSREC files to parallelize partition loads and rebuild Non-Partitioning Indexes (NPIs) using subtasking.
- **Discard record handling.** Enables you to process discards before or after the load, skip it, or leave data in read-only mode.
- **Duplicate records.** Checks only unique indexes for duplicate keys. You can also bypass these checks.
- **Flexible sort options.** Recluster data, sort it by OBID, and dynamically allocate the sort work data sets.
- **Flexible field selection criteria.** Lets you specify column format and location and the criteria for loading the columns. Supports multiple column selection and full Boolean logic. Accepts AND/OR connectors, column names within the expression, and data positioning.

Business Challenges

Today's DB2 database environments are typically distributed across multiple subsystems and locations—and their size and complexity is constantly growing. In such environments, retrieving and analyzing information is a significant challenge for database administrators.

Effectively managing within a DB2 for z/OS system can be a rigorous, full-time responsibility for a DB2 administrator, especially if there are multiple DB2 subsystems with multiple users and departments.

DB2 environments often require you to load large amounts of data into DB2 tables. This data can originate in many places: other DB2 tables, different database management systems (for example, IMS), or from applications that generate sequential files.

Because the tablespace data is unavailable during the load process, data availability is a primary concern.

Organizations desire a way to easily and quickly load data into large tables. Conventional load utilities are slow, and the data in the target tablespace is typically unavailable during the load process. Desired is a high-speed utility that can load data with little to no impact on system performance, and make the loaded data available for immediate use by other applications.

Solution Overview

The high-speed performance of CA Fast Load lets you quickly load data to minimize the time that your data is unavailable. It is designed to load data with little to no impact on system performance. The speed is accomplished by using advanced, concurrent data-processing techniques and high-speed I/O mechanisms. It provides extensive formatting and data conversion options to make the loaded data available for immediate use by other applications.

The ability to load data, reorganize data and create image copies in a single process facilitates a proactive response to individual database management situations.

What's more, CA Fast Load provides such advanced capabilities as multiple input and output formats, multitasking and OBID conversions. It provides extensive formatting and data-conversion options to make the loaded data available for immediate use by other applications.

Critical Differentiators

- **Partition Independence.** Allows you to load one or more partitions of a tablespace while providing access to those partitions that are not being loaded.
- **Increased data availability.** Create up to eight image copies and reorganize data as part of the load process.
- **Maximize DBA productivity.** Simplify efforts in formatting data when loading into target environments by using flexible sort options and field selection criteria.
- **Extensive formatting and data conversion options.** Provides extensive formatting and data-conversion options that help to make the loaded data available for immediate use by other applications.

Related Products/Solutions

- **CA Fast Check for DB2 for z/OS.** Monitor database consistency with in-depth integrity checking, managing RI, and reporting and correcting errors in tablespace or index pages
- **CA Fast Unload® for DB2 for z/OS.** Reduce the amount of time required for processing and extraction of DB2 data, thus improving the availability of corporate data
- **CA Quick Copy for DB2 for z/OS.** Creates fast, consistent and accurate DB2 image copies (up to eight image copies during execution) without impacting data availability
- **CA Rapid Reorg® for DB2 for z/OS.** Helps reclaim space used by dropped tables, reclusters data, remove overflow pointers. Re-establishes free space, re-balances index trees and reduces the number of levels required

For more information, please visit [ca.com/db2](https://www.ca.com/db2)

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