CA Fast Unload® for Db2 for z/OS

At a Glance
CA Fast Unload® for Db2 for z/OS (CA Fast Unload) helps you reduce the time required to unload Db2 data, thus improving the availability of corporate data.

Business Challenge
Data movement can be a time-consuming process that seriously impacts the availability of data. You need a high-speed utility that uses advanced, concurrent data-processing techniques to unload data from Db2 tables or from copies of Db2 tables at a high speed while maintaining system performance.

Solution Overview
CA Fast Unload provides the following benefits:

- **Data Availability**
  - **Multitasking.** Unloads objects concurrently.
  - **High-speed unload.** Reads directly from data pages and image copies.
  - **Online unload.** Keeps objects in read-only mode to maintain data integrity or in read-write mode for full access by other applications.
  - **Partition independence.** Locks only the partitions being unloaded.

- **Customized Output**
  - **SELECT statements.** Accepts any valid SQL SELECT statement. Supports several clauses not supported by Db2.
  - **Output formats.** Unloads data in load, fixed, variable, DSNTIATAUL, external, and comma-delimited formats.

- **Productivity**
  - **Data conversion.** Converts data types and field lengths. Translates data to other character sets.
  - **Old table versions.** Reads source DDL to unload from image copies that no longer match the table definitions.
  - **OBID changes.** Converts OBIDs.
  - **Large object support.** Supports spanned records with rows longer than 32 KB.
  - **Flashcopy support.** Unloads from Flashcopies, including specifying the most recent concurrent one.
  - **Unload by object size.** Objects are unloaded largest to smallest. When done in parallel, this can improve performance.
Critical Differentiators

- **Partition ranges.** Can skip partitions when unloading. For example unload partition 1, 2, 5, and 10.
- **VSAM level access.** Does not require an active Db2 subsystem to unload the data.
- **Image copies.** Unloads from image copies, even when the table no longer exists in the catalog.
- **Native processing vs. Db2.** Provides SQL-ACCESS EXTENSION option, which uses native CA Fast Unload access methods to process SQL statements and also allows to switch to Db2 SQL processing only.

Related Products

CA Fast Unload integrates with **CA Fast Load for Db2 for z/OS.** It loads data from CA Fast Unload output data sets and both products utilize USS pipes for the unload and load processes.

**For more information, please visit ca.com/db2.**