BMC LOBMaster for DB2

Simplify maintenance of DB2 LOBs while reducing data integrity risk

PRODUCT DESCRIPTION

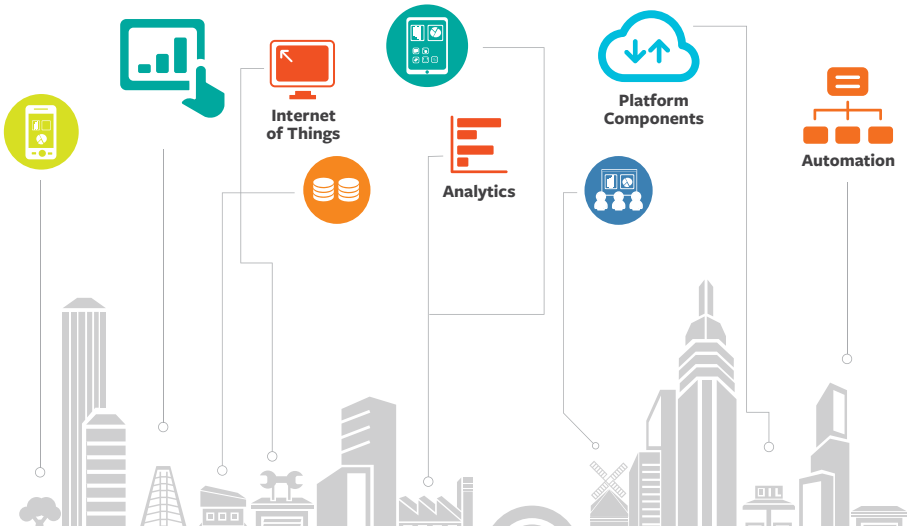
BMC LOBMaster is a data management solution designed specifically for the size and complexity of DB2 LOBs. LOBMaster consolidates all of the required steps to validate, maintain, and correct errors in LOBs into a single, high-speed, automated solution

BUSINESS CHALLENGE

The modern organization is now critically dependent on the integrity of a rapidly expanding volume and diversity of data. LOBs and unstructured data have become an integral part of DB2 and a growing concern to DBAs who must manage the massive amounts of datasets and new data. A single LOB can mean thousands of LOB tablespaces and countless pointers to maintain. Proper LOB maintenance requires the DBA to consistently run CHECK LOB, CHECK IX, CHECK DATA, and then run a REORG. Most DBAs find this approach impractical and simply ignore all integrity checking until it's too late—an application fails, or even worse, a user loses data.

BMC SOLUTION

BMC LOBMaster simplifies data management for DB2 LOBs by consolidating all of the required processes into a single, efficient high-speed solution. LOBMaster replaces the need to run multiple utilities that potentially bring an object offline, with a **single command that will perform all of the required LOB validation and maintenance,** while leaving all objects online for application processing. BMC LOBMaster tames unstructured data.



Unstructured Data is the new reality in DB2. Complex new data structures require new techniques for proper data management.

Digital Enterprise Management

KEY FEATURES

LOBMaster is next-generation data management for DB2 LOBs.

- **Fast and easy** – LOBs are validated as part of the utility function with parallel readers and writers increasing throughput
- **Online** – Applications are left online throughout the entire process.
- **Efficient and scalable** – No SORT technology and processes designed specifically for the complexity of LOBs result in reduced resource consumption

KEY BENEFITS

- **Replace a four-step, manually intensive process** with single, automated step
- **Reduce write time by 80%** on a 200G LOB through parallel technology
- **Maintain data availability** 100% of the time
- **Simplify** the rollout and maintenance of new LOB applications
- **Report** on resource reduction and benefits of INLINE LOB use

PRODUCT DETAILS

Speed: LOBMaster is designed specifically for a LOB's massive size and unique structure. It does not require any SORT, FLASHCOPY, or unload during a REORG, so CPU and elapsed time are greatly reduced.

Simplicity: A single command replaces four native standalone utilities and performs all LOB validation while processing the REORG so data integrity is constantly monitored.

Availability: All objects are left in READ-WRITE status during the entire REORG process so applications have zero downtime. Data can be unloaded to spanned datasets while online as well. Online integrity checking of the LOB and LOB indexes never requires a FLASHCOPY.

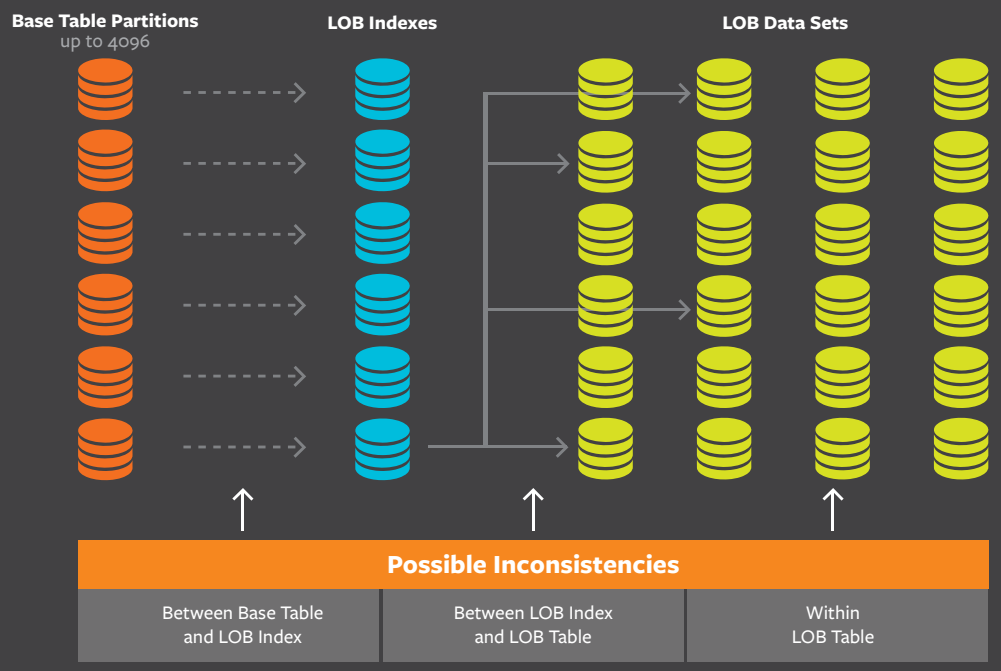
Parallelism: Multiple LOBs and indexes can be run in parallel using unique server technology, even spreading work across a sysplex.

Reporting: REPORTONLY keyword shows LOB space used and potential savings, as well as benefits of inline LOB use.

FOR MORE INFORMATION

To learn more about BMC LOBMaster, please visit **bmc.com/it-solutions/mainframe.html**

What Could Possibly Go Wrong?



LOBs are complex DB2 structures with possible integrity issues between all components. LOBMaster checks these integrity points and can correct many errors during processing.

BMC is a global leader in innovative software solutions that enable businesses to transform into digital enterprises for the ultimate competitive advantage. Our Digital Enterprise Management solutions are designed to make digital business fast, seamless, and optimized from mainframe to mobile to cloud and beyond.

BMC – Bring IT to Life

BMC digital IT transforms 82% of the Fortune 500®.

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