



BMC Change Manager for DB2 Universal Database

KEY BENEFITS

- > Enables implementation of complex database changes using a consistent, reliable, and auditable system
- > Provides a common interface across multiple RDBMS environments
- > Allows users to deploy database changes, whether working with applications or data modeling tools

KEY FEATURES

- > Eliminates errors and costly rework by thoroughly analyzing database changes and migrations
- > Imports hand-coded and packaged DDL, increasing availability by reducing outage time for changes
- > Allows jobs to be scheduled and provides pro-active notification of job status
- > Provides the ability to baseline database structures at any given point of time
- > Generates comprehensive reports

Today's complex database and platform environments require scalable solutions to ensure high data availability and quality change processes. BMC Change Manager for DB2® gets complex changes into production faster and safer by providing point-and-click database administration for managing schema changes and migrations, security, and data.

BUSINESS CHALLENGE

Change is the only constant in today's fast-paced IT environment. Most data centers have multiple RDBMS-type housing applications that are business critical. With fewer available or experienced DBA personnel, it is imperative that current staff is cross-trained to administer multiple database types.

Whether it is online banking, shopping, or interactive research, your customers expect and even demand 24-hour access to application data. A competitive market pressures service providers to improve their offerings at a furious pace. The tools used to make those changes must scale to meet those demands.

DBAs know that the reliability and availability of key data directly affects both the top and bottom lines. They need a product that will simplify and automate change management across multiple RDBMSs and ensure against data loss in every situation. Many organizations use source code configuration systems to manage phases of software development. DBAs need a tool that applies this same discipline to the database where critical corporate data resides.

THE BMC SOLUTION

BMC Change Manager for DB2 provides a scalable, intelligent solution to simplify and automate change across multiple RDBMSs. It protects against data loss and ensures high data availability. It provides quality change processes across complex environments.

BMC Change Manager for DB2 empowers data professionals to be more productive by providing an intuitive interface for database administration access to manage schema changes and migrations, security, and data.

A point-and-click interface promotes standardization of database change processes, reduces costly errors and re-work, and leverages existing RDBMS knowledge while improving the effectiveness of less experienced personnel. DBAs no longer have to maintain scripts that are neither standardized nor documented. Simply step through the wizards to create, edit, drop, copy, and compare database objects. BMC Change Manager for DB2 does the intensive researching, scripting, and data handling tasks associated with making changes more quickly and accurately.

By providing a consistent, reliable, and auditable process for implementing and rolling out object changes, BMC Change Manager for DB2 is the only solution to ensure high application availability.

ALIGNMENT WITH BEST PRACTICES

BMC Change Manager for DB2 UDB includes the following tools:

Support for federated database objects

Supports the creation and modification of objects such as wrappers, servers, and nicknames. This allows users to exploit the DB2 federated database object feature via BMC Change Manager for DB2.

Object manager with object detail view

The object manager provides users with the ability to select from a list of attributes for display based on the object type. The listings can also be sorted based on selected attributes.

SYSTEM REQUIREMENTS

The following are system requirements for BMC Change Manager for DB2:

Minimum system configuration

- > Intel Pentium III Processor
- > 128MB of RAM
- > 100MB of free disk space

Operating system support

- > Client
 - o Microsoft Windows 2000 Professional
 - o Microsoft Windows XP
 - o Microsoft Windows 2003
- > Server
 - o IBM AIX 5.1, 5.2, and 5.3 (32 and 64-bit)
 - o Sun® Solaris 8, 9, and 10 (32 and 64-bit)
 - o Red Hat Linux® AS 3.0 (32-bit), 4.0 (32 and 64-bit)
 - o SUSE Linux® 8 and 9 (32-bit)
 - o Microsoft Windows 2000 Server
 - o Microsoft Windows 2003
- > Supported database platforms
 - o IBM DB2 Universal Database versions 8.1.x, 8.2.x, and 9.1.

ABOUT BMC SOFTWARE

BMC Software delivers the solutions IT needs to increase business value through better management of technology and IT processes. Our industry-leading Business Service Management solutions help you reduce cost, lower risk of business disruption, and benefit from an IT infrastructure built to support business growth and flexibility. Only BMC provides best practice IT processes, automated technology management, and award-winning BMC Atrium technologies that offer a shared view into how IT services support business priorities. Known for enterprise solutions that span mainframe, distributed systems, and end-user devices, BMC also delivers solutions that address the unique challenges of the midsized business. Founded in 1980, BMC has offices worldwide and fiscal 2007 revenues of \$1.58 billion. Activate your business with the power of IT. www.bmc.com.



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Connection manager

BMC Change Manager for DB2 provides users with the ability to access all their connections via a single interface. This interface assists in creating and managing database as well as repository connections.

Impact analysis engine

BMC Change Manager for DB2 provides a robust and powerful analysis engine that assists in analyzing the effect of change and migrate operations and reports conflicts before applying those changes. This empowers DBAs to take decisions based on the impact of the change and avoid costly unplanned outages. Changes can be specified through the product editors or imported as DDL from case tools or scripts. BMC Change Manager for DB2 analyzes the requested changes and resolves the impacts they will have on other application objects.

BMC Change Manager for DB2 generates a script tailored to implement the changes. Server-side, background analysis capabilities allow multiple changes to be researched simultaneously, further reducing the time spent on application maintenance tasks and getting the changes in product faster with fewer mistakes

Repository and baselines

Using the repository, users can create point-in-time versioned baselines of their database instances in BMC Change Manager for DB2 to track and maintain changes. A baseline comparison quickly identifies and reports the changes that occurred between time periods. This allows DBAs to restore older versions of the database as and when desired. User can generate the DDL from the baseline. The generated DDL then can be imported in the database instance to create objects. DDL can also be compared with database instance or other baseline.

Compare

To view the differences between database instances or baselines, DBAs have the ability to run a compare operation two databases or baselines using BMC Change Manager for DB2. The compare operation can be performed at various levels such as object, schema, or instance.

Job scheduling

The BMC Change Manager for DB2 scheduler enables users to execute jobs based on their specific time requirements. Jobs can be scheduled to run at off peak hours or as desired by the DBA. The frequency of execution also can be selected by the user. A pro-active e-mail notification is sent by the scheduler once the job is complete.

DDL file Import

BMC Change Manager can provides an interface to import DDL files containing object creation statements. The statements are then converted into BMC Change Manager can job scripts that can be executed. The imported DDL files also can be used for compare operations with database instances or baselines.

Command line execution on server

BMC Change Manager for DB2 provides the ability to execute jobs via shell scripts or batch files using command line executables. Users can incorporate the executables into script files and execute BMC Change Manager for DB2 jobs as part of a bigger operation.

The bottom line: more uptime

BMC Change Manager for DB2 has a unique ability to implement database changes consistently, reliably, and – most of all – error free, therefore making the most of the shrinking change window and keeping business-critical applications up more often.

GENERAL REQUIREMENTS

Installation

BMC Change Manager for DB2 can be downloaded for a 30-day trial from our Web site. If you then choose to purchase the product, you do not have to reinstall it. Instead, you simply will receive a new key code that unlocks the advanced functionality.



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