

## IBM DB2 Change Management Expert for Multiplatforms, Version 1.1

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### Highlights

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- **Improves productivity and reduces errors by automating and managing complex DB2® structural changes**
- **Increases application availability by modeling the impact of proposed changes prior to implementation**
- **Ensures data integrity by finding related schema elements**
- **Enhances teamwork by integrating changes from multiple group members**

Database administrators (DBAs) today are facing a host of new issues that place a premium on innovation and organizational responsiveness. The pressures come from many different sources: business acquisitions and restructuring, increased competition, and new technology architectures and strategies. The only constant is change, and for DBAs that means the need to change DB2 structures and data more frequently and under tighter deadlines than ever before.

Overall, the change management process has been prone to error, tedious and slow. For example, DBAs must often spend hours analyzing objects and dependencies before deciding on a course of action. And after all of the ramifications of the changes are known, several more manual steps are needed to preserve database objects such as tables, data, application bindings and permissions.

DBAs need a better tool to assess the impact of changes, determine the best action plan, reduce the potential for error when making changes, and limit the time and cost of the change process.

#### **Efficient, error-free change management**

IBM DB2 Change Management Expert for Multiplatforms, Version 1.1, meets all of these challenges, whether upgrading a standing database or migrating data between databases.

It improves productivity and reduces human error by automating and managing complex DB2 structural changes.

DB2 Change Management Expert makes it fast and easy for DBAs to model the target database, compare two sets of objects to see where they differ, migrate a set of objects to the target or redefine the target objects to be like the source. Changes automatically roll through all related objects, streamlining the entire change management process. The tool also allows DBAs to automatically undo all changes, if necessary.

#### **Ensures data integrity**

DB2 Change Management Expert ensures data integrity by automatically finding schema elements that are related to each change and by eliminating manual steps to identify object dependencies. Designed to enhance both individual and group productivity within IT departments, DB2 Change Management Expert integrates input from multiple group members who are participating in the change process.

DB2 Change Management Expert enables DBAs to:

- *Generate Data Definition Language (DDL) to change the database.*
- *View, add, delete and validate the changes before implementation.*
- *Perform forward and reverse schema engineering between the database and DDL.*
- *Run DB2 commands remotely, including maintenance utilities such as RUNSTATS, application rebind and data import/export.*
- *Synchronize, copy, clone or merge database schema definitions from the source to the target.*
- *Create new schemas or load them from a variety of sources, including databases and DDL.*
- *Deploy changes to a single database or provision multiple systems concurrently.*
- *Automatically undo changes, if needed.*

#### **Increases reliability with visual modeling**

An interactive GUI enables DBAs to iteratively make changes and see the results from different viewpoints. Graphical wizards allow even novice users to quickly adopt the tool and participate in the process. DB2 Change Management Expert also provides investigative and visualization capabilities, including graphical compare, graphical dependency viewing, SQL source text formatting and context-sensitive assistance. These capabilities help DBAs quickly see the relationships among database objects, change commands and results.

#### **Manages the entire change life cycle**

While helping DBAs respond rapidly to business needs, DB2 Change Management Expert also provides capabilities to manage and track the life cycle of DB2 changes. The tool enables DBAs to aggregate summary information and drill down for a deeper understanding of past changes and their impact.

#### **Enhances change management across multiple platforms**

DB2 Change Management Expert expedites the process of making structural changes to DB2 Universal Database, Version 8 on Linux®, Microsoft® Windows® and UNIX®. Across platforms, DB2 Change Management Expert gives DBAs a faster, more efficient and reliable way to manage DB2 structural changes.

#### **For more information**

Please contact your IBM representative or IBM Business Partner or visit: [ibm.com/software/data/tools/mptools.html](http://ibm.com/software/data/tools/mptools.html)

When ordering IBM DB2 Change Management Expert for Multiplatforms, please refer to the following program number: D54Y9LL



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