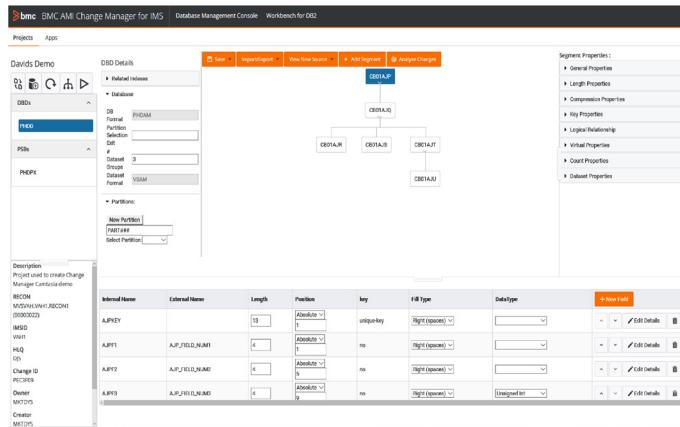


BMC AMI Change Manager for IMS™

Empower all DBAs making changes to IMS database definitions regardless of experience level

PRODUCT DESCRIPTION

BMC AMI Change Manager for IMS provides a modern graphical user interface (GUI) and guided workflows for making changes to IMS DBDs, PSBs, buffer pools, catalog entries and managed ACBs.



 BMC AMI Change Manager for IMS DBD Editor

BUSINESS CHALLENGE

Experienced IMS DBAs are retiring and the dearth in talent is forcing large enterprises to look elsewhere for DBA talent – Db2, SQL Server, Oracle, and other systems. This new wave of resources are generalist database admins, the “Universal DBA.” Additionally, experienced IMS DBAs now need to learn about the IMS catalog and managed ACBs, a new way of managing IMS. Both universal DBAs and seasoned IMS DBAs need a way to manage IMS in a solution flexible enough to support both types of database specialists. At risk is the application integrity of some of the most critical transactional systems on the planet heavily entrenched in Banking/Finance, Insurance and Government.

BMC SOLUTION

To help reduce the risk of errors when changing IMS definitions, BMC has created BMC AMI Change Manager for IMS to help manage and streamline the IMS definition change process whether using the traditional DBD, PSB and ACB control blocks and

KEY FEATURES

BMC AMI Change Manager for IMS makes it easy to make changes to your IMS database environment. The product features:

- **A graphical editor** for IMS DBD and PSB display and change
- **Activation** of IMS managed ACB changes
- **Support** for both the IMS GEN change methodology and the IMS catalog.
- **Interactive generation and execution** of IMS type 2 commands.
- **Provides interactive IMS buffer pool tuning.**
- **What-if scenarios** to analyze the impact of changes and generate jobs to implement changes.

KEY BENEFITS

- **Makes less experienced, “universal” DBAs more effective** in managing IMS environments with a GUI interface and scripted workflows.
- **Assists experienced IMS DBAs** with implementation of the IMS catalog.
- **Reduces the risk of making incorrect changes to your IMS environment** with easy reversal of any changes, online comparison and cross reference reporting and help text that explains the usage of parameters.

their generation process, or driving the changes from the IMS catalog. The product allows users to easily identify and select what to work on, then steps them through a simple visual workflow to implement IMS definition changes.

PRODUCT DETAILS

DBD Structure Display provides a graphical view of the selected DBD (DataBase Definition) making it easy to see the segments in the DBD and their relationships to one another. Clicking on a segment in the hierarchy provides detailed information on compression routines, secondary indexes, logical relationships and other information without the need to read through the DBD definition statements.

Cross Reference Reporting provides online cross reference reports showing relationships between DBDs and PSBs, DBDs and information in the IMS catalog, PSBs and their IMS catalog definitions, making it easy to understand the impact that changing a DBD will have on PSBs or all PSBs referencing a DBD. Knowing this information reduces the risk that a change will impact IMS objects outside the scope you expected it to reach.

IMS Command Builder makes it easy to build IMS type 2 commands. With BMC AMI Change Manager, you pick the command verb and the product displays the options for the verb you pick. Click on the parameters you want and the command is dynamically built at the bottom of the screen. Help text for each option explains parameters you may not know. Once built, you can easily submit the command and view the results.

Impact Analysis allows you to understand the impact of the changes you have proposed before doing the changes. Provides the action that will be needed and the reason for that action.

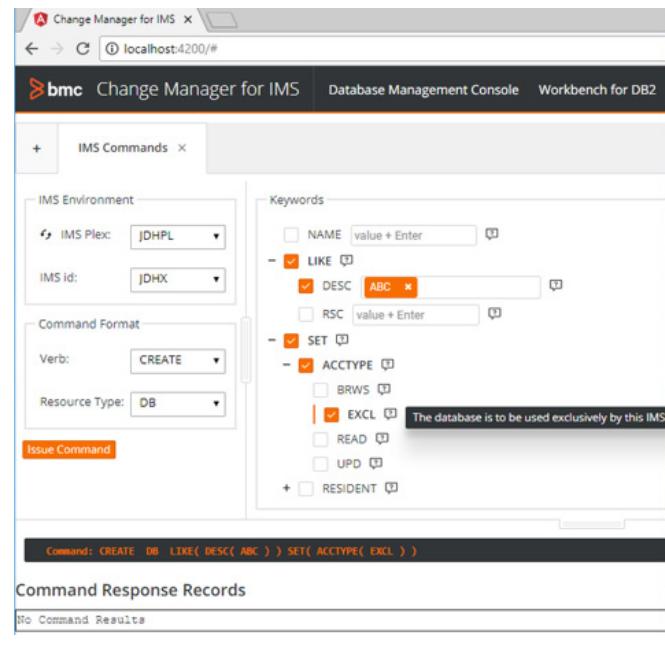
Change job generation creates four jobs to implement the changes you have specified. These jobs do all of the pre-changes actions and do the changes with the ability to insert any specialized actions before they are committed. The product also creates a job to undo the changes so you can easily reverse them if needed. A README job is also created that documents what changed.

Schema Viewer and Editor enables you to view and make changes to DBDs and PSBs from the graphical user interface.

The source statements to implement the changes you make are shown in either DDL or control statement format with the ability to toggle between these formats if you need to learn one or the other. If you make an unwanted change, you can undo the change with a click to get back to the original definition.

Managed ACB Support helps you implement this new IMS capability by showing you the side by side contents of the staging and active directories with any differences highlighted. This allows you to quickly see what changes you are about to activate. A simple click activates the changes you have defined. All changes are recorded in a history dataset for auditing and tracking purposes.

Buffer Pool Tuning builds on the buffer pool display capabilities in BMC Catalog Manager allowing you to make changes to the IMS Full Function or Fast Path buffers.



FOR MORE INFORMATION

To learn more, please visit bmc.com/ims

About BMC

From core to cloud to edge, BMC delivers the software and services that enable over 10,000 global customers, including 84% of the Forbes Global 100, to thrive in their ongoing evolution to an Autonomous Digital Enterprise.

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