



## **Manage Database File Changes and Data Transformation Without Complex SQL Syntax/Conversion Programs**

*Midrange Dynamics is the first to offer data transformation capabilities  
within its core change management solution*

ZUG, Switzerland – February 21, 2018 – IBM i development teams working to modernize application architecture with SQL will appreciate the new Data Transformation capability within Midrange Dynamics Change Management (MDCMS) Version 8.1.

“Complex SQL syntax and conversion programs can become a thing of the past with MDTransform, an optional feature in the MDCMS core product that helps you quickly map and manage database file changes,” says Midrange Dynamics Managing Director Michael Morgan.

MDTransform guides users through the steps to easily add and populate new fields or update field content. Behind the scenes, it builds and executes a dynamic SQL insert to populate the new version of the file.

With MDTransform, developers can confidently automate managing field expansions, initializing new fields, merging fields, and managing deployment of DDS to DDL conversions. It also handles field type changes such as numerical to string, string to graphical, and vice versa, with ease.

“We generate the SQL scripts, so you don’t have to. Development teams are only limited by what SQL can do,” says Mr. Morgan. Data transformation results are validated during the compile phase to avoid any surprises during installation. In fact, users can view, customize, and validate conversion results when the transformation occurs.

MDTransform can be accessed from MDCMS Object Manager or from MDOpen, the Eclipse-based plug in to MDCMS. It is an optional MDCMS feature available for an

additional charge. Midrange Dynamics users who would like to check out the new functionality may request a free 30-day license key.

### **Unmatched Support for Complex Deployment**

A traditional strength of MDCMS is its ability to support complex deployment requirements. With Version 8.1, Midrange Dynamics goes above and beyond to offer the most sophisticated deployment capabilities in the change management market space.

“Granular, location-specific deployment capability means users can control deployment down to the records in a file they send to a server or system,” says Mr. Morgan. They can trigger deployment from an external tool via extensive APIs. For example, ISVs can automate deployment of custom versions of their software.

### **MDWorkflow Automation and More**

MDWorkflow, Midrange Dynamics complementary workflow tool enables users to track projects and requests and integrate with company-wide issue management systems such as Jira. Version 8.1 adds many new automation features as well as a rich text editor. Enforced workflow ensures important quality steps aren't overlooked. The new feature-rich editor supports HTML-based text for MDWorkflow's description, comment, and custom text box fields. Active Jira users are automatically imported via Midrange Dynamics's Jira interface and mapped to security settings within MDCMS.

Mr. Morgan points out another enhancement in Version 8.1 that is sure to please developers: “With Version 8.1, branch and merge capabilities are enhanced to make concurrent project development a breeze,” he concludes. Since moving to Version 8.1 is easy, MDCMS users can take advantage of all the new options in the latest release without needing to reconfigure their environment or affecting security, DevOps coordination, deployment, rollback, and audit support.

### **About MDCMS**

Upgrade to change management that can manage today's development directions, new technologies, and initiatives such as DevOps. MDCMS and its MDOpen Eclipse-based plug-in incorporate everything needed to modify, install, and distribute software changes across IBM i and multiplatform environments. Work comfortably in your

preferred environment: Rational Developer for i (RDi), Zend Studio, or any Eclipse-based IDE. Git and SVN users benefit from direct interfaces to their source repositories and comprehensive deployment and rollback.

Easy-to-implement MDCMS is inherently flexible in its design; there's no need to learn a proprietary language to configure it to fit an environment. It includes field-level cross-referencing, and tools for native and cross-platform development are on the same screen. There are no limits on test levels, and users can rollback all or some objects for any environment.

MDCMS also presents a lower total cost of ownership, with tremendous savings in time and budget spent on implementation and ongoing management of the product. MDCMS offers automated migration capability for organizations that wish to move from legacy change management software.

Companies around the globe are successfully using MDCMS, MDOpen, and the MDWorkflow Web-based project management system to manage, audit, and distribute updates for third-party software packages and in-house applications. MDCMS is certified Sarbanes-Oxley (SOX) compliant.

### About [Midrange Dynamics](#)

Midrange Dynamics has provided application development software and consulting services for IBM i systems from its headquarters in Switzerland since 1998. Midrange Dynamics is an IBM Business Partner and a member of the Fresche Power Partner Program.

Midrange Dynamics partners with companies around the globe to sell and support the MDCMS product suite. Visit <http://www.midrangedynamics.com/where-to-buy> to find a representative in your region.

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