

Midrange Dynamics



Cross-Platform Release Management with MDCMS

Coordinate multiplatform releases with one affordable toolset

In today's complex IT environment you need to extend the reach of your applications and databases beyond your IBM i servers. Best-in-class **MDCMS** application lifecycle management (ALM) is well equipped to ensure that your critical application changes and modernization projects can keep pace with evolving IT and business requirements.

Do you need to distribute and install software releases in multi-platform environments, e.g., COBOL/RPG programs on the IBM i and Java/HTML objects on a Windows, LINUX, AIX, or UNIX server? Perhaps you are a shop or an ISV that manages multiple versions of your software, building and packaging changes for deployment in IBM i and cross-platform environments. Or maybe you need to expand your IT process to incorporate agile development and DevOps requirements. MDCMS can help you reach your goals.

With MDCMS and its Eclipse-based plug-in **MDOpen** you can confidently coordinate cross-platform software development and deployment using one affordable toolset.

Best of all, the out-of-the-box functionality of the Midrange Dynamics solutions enables you to streamline and simplify your deployment. You will appreciate long-term cost savings from easy, one-click upgrades and the wealth of capabilities included in MDCMS — no additional modules required.



Unite IBM i and Multi-platform Deployment

The Eclipse-based plug-in for MDCMS, **MDOpen**, offers an easy-to-use graphical portal to the rich array of MDCMS functions that help development teams streamline ALM tasks, including automated release management and installation on production servers. It can be used with any common Eclipse-based platform including IBM Rational Developer for i. MDOpen meets IBM specifications as Ready for IBM Rational software.

With MDCMS and the MDOpen plug-in, you get full deployment, archiving functionality, rollback from all target locations, workflow management (such as testing sign off), audit capability, and reports suitable for regulatory compliance. This complements MDCMS's comprehensive change management for native IBM i and non-native components that makes development more efficient and reduces risk.

Simply create a deployment package of IBM i and non-native objects. With MDCMS you can simultaneously deploy the package to all systems. For example, one installation package can include files and programs to be installed on the IBM i, as well as Java, C++, Visual Basic objects, and any other type of component to be installed in highly distributed environments.

MDCMS also enables users to schedule the installation of source and objects off-line based on their time zone. If any piece of the package cannot be installed, MDCMS returns the application to its original state with no time limit on rollbacks.



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Release Management Options for ISVs

MDCMS includes software development and deployment capabilities that are particularly useful for ISVs, with many options to support the way you do business.

MDCMS helps you manage multiple versions of your software simultaneously, ensuring that your customers receive the latest functionality.

When it's time for deployment your new releases can be deployed via MDCMS or you can create an independent installation package. This means you can distribute new releases to your customers efficiently even when the target system is not directly accessible or does not contain MDCMS.

Additional Insight for DevOps and Rapid Deployment

Beyond the rich array of features included in MDCMS and the MDOpen plug-in, Midrange Dynamics offers optional modules that can assist with release management tasks.

Easy-to-implement Web-based **MDWorkflow** gives operations and development teams additional visibility for

cross-platform deployment. All parties involved can view the status of deployments at any time and are informed when a release has reached specific steps within the process flow.

Are database modernization or file expansions on your horizon? **MDRapid** works behind the scenes to minimize user downtime during deployment of high volume database changes across your enterprise.

Become Productive Quickly

Because MDCMS and MDOpen are easy to install and set up they can be assimilated quickly in your application development workflow.

Our customized installation and training curriculum helps you work with our on-staff experts to identify the level of implementation support you need, from the basics up to a complete review of your change management and release processes with optimization recommendations.

Give us a call today to explore best-in-class ALM that delivers the application and release management capabilities you need out of the box.

Resource:

Midrange Dynamics
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