

MIDVWorkflow

MIDRANGE DYNAMICS

providing innovative IBM i solutions



**Web-based Project Management for IBM i
and Open Systems Development**

www.midrangedynamics.com



MIDRANGE DYNAMICS

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MDWorkflow

MIDRANGE DYNAMICS
SOFTWARE

Overview

MDWorkflow is a flexible, web-based application for managing projects, individual project tasks, and enforced workflow. It facilitates team collaboration and ensures a documented software development process across your organization.

MDWorkflow enables complete visibility of all software changes, with strong emphasis on central approval, scheduling, and tracking of object migrations across all systems throughout the application lifecycle. Organizations gain greater efficiency, improved software quality — with a reliable and repeatable process — and complete traceability of software changes, essential for IT compliance.

With MDWorkflow, information pertaining to projects is seamlessly exchanged between business groups managing user

requirements and technical groups managing changes to specific objects. All parties involved can view the status of projects at any time and are informed when a process has reached specific steps within the process flow.

For example, a business user or team leader may use MD-Workflow to enter project or issue requests. Users can track requests by status, due date, priority, group, assigned users, programmer and much more. The responsible business group can centrally approve, schedule and track projects and object migrations.

Project information is automatically synchronized across all systems. A report generator provides online, paper or electronic reports that support real-time decision-making and internal and external compliance.

The screenshot shows the MDCMS Workflow Client interface. At the top, it says 'Produktion' and 'MDCMS Workflow Client'. The user is logged in as 'Welcome SD' on '21. September 2010 14:44:09 (Zürich)'. The main content area is titled 'Task Details' and shows the following information:

Project	V6.6	6.6 changes and enhancements
Task	2	Ref 148
Task Type	New Feature	Requester MMORGAN
Priority	3- Medium	Status Modified
Description	Create module for the export of data into excel reports.	
Due Date	29.10.2010	Due Time 10:37:00
Application	MD - MD Product	Location MD Production
Level	10 - MD Test Environment	RFP 0 Submit RFP
Assign to Group	PGMR 1	Programmer Group 1
Assign to User	MMORGAN	Michael Morgan
Test Group	TEST 1	Test Group 1
Test User	SD	Stephan de Diego
Hours expected	14.0	Hours used 8.0

Below the task details is a table for comments:

Date	Time	by User	Comments
21.09.2010	12:06:24	MMORGAN	Will initially be used for RFP lists and then enhanced to existing cross-reference reports

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MDWorkflow is an extension of MDCMS change management. It connects with the MDCMS database repository on an IBM i¹, where the data and business logic for the application reside. Initial installation and set-up for MDCMS and MDWorkflow can be performed comfortably within a few days. MDCMS and MDWorkflow are very user-friendly, so training is also completed quickly.

Companies around the globe are successfully using MDCMS, MDOpen and MDWorkflow to manage, audit and distribute updates for their 3rd party packages as well as their in-house applications consisting of native IBM i and non-native objects.

MDWorkflow Functions

MDWorkflow is a browser-based tool for project management. Key features include the following:

- Project management
- Task management
- Role management
- Management of testing requirements at each step of the workflow process
- Detailed history of installed Objects and Object packages
- Object migration tracking across all systems
- Object version and conflict reporting across all systems
- Application version tracking and management
- Graphical calendar
- Scheduler for past and future Installations and tests

Prerequisites for using MDWorkflow

- Java JDK 5 or newer (with Java EE)
- Application Server
- IBM i (AS/400, iSeries or System i) machine with OS/400 version V5R3MO or higher

MDWorkflow has been tested on the following Application Servers:

- Apache Tomcat Application Server
- Glassfish Application Server v2 and v3

About Midrange Dynamics

Midrange Dynamics' tightly integrated and reasonably priced product line focuses on change management, application analysis, development and software distribution. The company has provided application development software and consulting services for IBM i (iSeries, AS/400) systems from its headquarters in Switzerland since 1998. In addition to on-site product support and training, it offers consulting services in the area of change management. Recognized for ease of use and reliability, Midrange Dynamics' application lifecycle management solution dramatically reduces the time and risk involved in understanding, changing and migrating application objects. It fully supports regulatory compliance efforts.

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¹ IBM i, formerly AS/400 or iSeries

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