

webMethods Application Modernization Discovery Edition for Natural

READY YOUR APPLICATIONS FOR MODERNIZATION – FASTER

Understand existing applications – faster – with the webMethods Application Modernization Discovery Edition for Natural. You’ll be able to quickly extract proven value from existing code for re-use in new business initiatives. This edition is part of the webMethods Application Modernization Suite, designed to help you leverage and extend existing IT investments to meet new business needs.

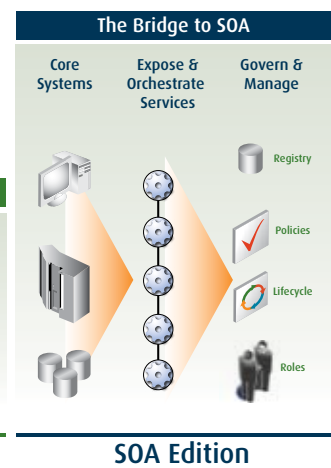
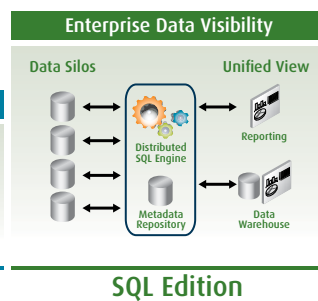
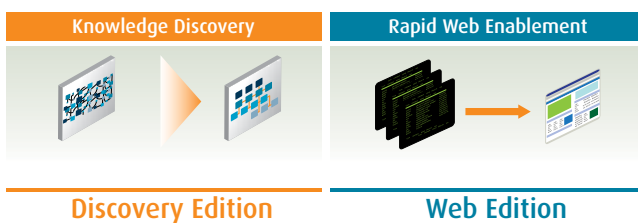
Analyzing Natural applications just got easier. With the webMethods Application Modernization Discovery Edition for Natural, you can automatically analyze even the most complex applications. Automated application inventory, documentation, code analysis and modification tools can help you jumpstart your application modernization initiatives and decrease your application maintenance efforts – up to 90%!

Eliminate uncertainty inhibiting your application modernization initiative by gaining a deep understanding of complex applications. The Discovery Edition combines detailed code analysis capabilities with a workflow-based approach to help you unlock proven logic and optimize code for new Service-Oriented Architecture (SOA) and Business Process Management (BPM) initiatives.

- Isolate proven business logic into re-usable components for use in an SOA or an application built on Java, .NET or other object-oriented languages.
- Accelerate delivery of Natural for AJAX-based applications (*when used in conjunction with Natural for AJAX*).
- Significantly reduce the time, cost and risk of application maintenance and enhancements.

With the Discovery Edition for Natural, you can:

- Generate in-depth diagrams, reports, metrics and documentation detailing the application.
- Eliminate dead, inefficient and non-standard code.



The webMethods Application Modernization Suite features multiple editions to help your organization extend valuable resources throughout the enterprise.

FEATURE	WHAT IT IS...	WHY YOU CARE...
Automated analysis, remediation and documentation	<ul style="list-style-type: none"> Analyzes applications written in Natural Works for mainframe, mid-range and distributed environment applications Generates rich diagrams, synchronized visualizations, reports, metrics and documentation Stores artifacts in an Adabas-based, collaborative knowledgebase 	<ul style="list-style-type: none"> Get up-to-speed on complex applications quickly and easily Conduct complete application-wide analysis and remediation - faster Reduce application maintenance costs Gain an instant overview of an application Keep an accurate, fully documented description of all application code
Automated application refactoring	<ul style="list-style-type: none"> Workflow-based approach guides user in the separation of data access, presentation and business logic 	<ul style="list-style-type: none"> Accelerate the path to a Web- or service-oriented architecture Improve consistency of data access rules Boost maintenance efficiency
Automated code optimization	<ul style="list-style-type: none"> Removes dead, redundant and duplicate code without impacting system stability Identifies and changes poorly written code with optimized code Automates quality review and ensures compliance with best practices 	<ul style="list-style-type: none"> Reduce complexity of application code Optimize runtime performance Slash modernization costs by avoiding transitions of unneeded code Ensure better readability and maintenance of code
Automated conversion of Natural Report Mode to Structured Mode	<ul style="list-style-type: none"> Converts code without changing an application's functional behavior 	<ul style="list-style-type: none"> New developers can learn applications rapidly Reduce maintenance costs with easier-to-maintain structured code
Automated conversion from map-based to Natural for AJAX-based rich Internet applications <i>(When used in conjunction with Natural for AJAX)</i>	<ul style="list-style-type: none"> Guides you through all steps of converting a Natural for AJAX application Flags maps and converts them to XML documents for building a Web page using Natural for AJAX 	<ul style="list-style-type: none"> Assure high-quality converted code Build rich Internet applications - faster
Application completeness check	<ul style="list-style-type: none"> Flags missing and unused objects 	<ul style="list-style-type: none"> Assure higher application quality and reliability
Change management tracking	<ul style="list-style-type: none"> Tracks all changes to source code made within tool, including time/date stamps and IDs of people making changes 	<ul style="list-style-type: none"> Gain insight into changes made to source code Increase auditability
Highly customizable metrics	<ul style="list-style-type: none"> Shows you basics metrics, such as program size, and complex metrics, such as McCabe and Halstead 	<ul style="list-style-type: none"> Make smarter decisions with a rapid assessment of application complexity

HOW IT WORKS

The Discovery Edition for Natural analyzes Natural code automatically. You can easily scrub bad or redundant code. You also can automate individual changes and pre-coded solutions to eliminate repetitive manual code changes. What's more, you can easily transform single applications into multi-tier or service-oriented applications, or modify an application for an SOA without changing its external behavior.

A repository serves as a single source of enterprise-wide application information, so you'll have an accurate, fully documented description of all application code—complete

with online cross-reference data. You can initiate automatic re-synchronization of repository data at intervals you define to ensure the repository always reflects any code modifications.

GET THERE FASTER WITH THE DISCOVERY EDITION FOR NATURAL

Speed up knowledge transfer

Jumpstart your application modernization projects using the Discovery Edition for Natural. The edition accelerates your understanding of complex applications by offering detailed code analysis, comprehensive diagrams, reports, metrics and application documentation.

Leverage proven assets in SOA and BPM initiatives

Make the most of proven business logic in your SOA by isolating that logic easily into re-usable components. The Discovery Edition for Natural makes it easier to enhance existing applications with Web or service-oriented capabilities to deliver the online services today's users demand.

Optimize existing code in less time

Eliminate redundant, inefficient and overly complex code. You can quickly enhance applications to meet changing business requirements. It's easy to enforce design and coding standards, because the edition automatically applies standards definitions to application source code.

Decreased application maintenance and costs

Application maintenance takes up a sizeable portion of most IT budgets. Now you can cut that cost and reduce maintenance efforts by up to 90 percent.

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ABOUT SOFTWARE AG

Software AG is the world's largest independent provider of Business Infrastructure Software. Our 4,000 global enterprise customers achieve business results faster by modernizing, integrating and automating their IT systems and processes. As a result, they rapidly build measurable business value and meet changing business demands. Based on our solutions, organizations are able to liberate and govern their data, systems, applications, processes and services - achieving new levels of business flexibility.

Our leading product portfolio includes solutions for high performance data management, developing and modernizing applications, enabling service oriented architecture, and improving business processes. By combining our technology with industry expertise and best practices experience, our customers improve and differentiate their businesses - faster.

Software AG - Get There Faster.™

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