



webMethods Migration with Green Hat

GREEN HAT ENABLES A MORE EFFICIENT, COST-EFFECTIVE AND LOW-RISK MIGRATION FROM WEBMETHODS 6 TO VERSION 7

Testing is absolutely critical for migration, so we've entered into a strategic partnership with Green Hat (GH), one of the world's leading providers of webMethods testing tools. Combined with the experience and methodology of Software AG's Global Consulting Services, Green Hat's native test support for webMethods significantly reduces project time and ensures a safe, smooth migration.

Extended Value for Customers

As a result of this partnership, we can offer GH Tester and GH Performance tools (Green Hat Testing Framework) for the project at a significant discount. At the conclusion of a project, customers who wish to keep Green Hat tools on site can then license them at a reduced rate.

Avoid System Interruptions

GH Tester enables you to record flows through existing processes and create a test case out of the traffic – all without interrupting the production of the system.

Beyond Code-free

GH Tester understands how the system has been put together, making it easier than ever to build tests. Integration with webMethods Integration Server and webMethods Broker gives unparalleled ease of test creation and visibility into the process automation layer to provide validation, error, coverage and performance information. You can build regression tests in minutes, then modify and re-use to isolate the exact position and nature of errors in new releases. A perfect fit for migration projects.

Get Started Fast

By importing assets from your webMethods Integration Server, GH Tester eliminates technical, time-consuming and error-prone re-keying. The process of installing the product and executing your first test takes just minutes.

KEY BENEFITS

With our Global Consulting Services' approach to migration and Green Hat testing tools, you can:

- Migrate from webMethods 6 to 7 as rapidly, cost-effectively, and smoothly as possible
- Get the greatest benefit from new webMethods functionality quickly and easily
- Take advantage of significant product discounts
- Mitigate risks of rollback, project overruns and lack of testing time and resources with a single automated framework
- Retain testing capability on site, if desired



Key testing requirements for migration assurance

#1 Regression Testing

- Quickly and easily capture current system activity as baseline, both functional and performance
- Identify changes to IData in the migrated version as compared to baseline from current version
- Easily switch test cases between IS versions using our environment feature
- Identify webMethods run-time errors by error code as well as stack trace information when executing old tests in the new environment
- Identify migration land mines well in advance of production push
- Provide expanded testing coverage not possible with manual regression testing

#2 Message Path Testing

- Validate that service orchestration between services is occurring as designed as compared to baseline
- Identify failure points where IData values have changed as compared to baseline
- Easily test/validate asynchronous webMethods services
- Assure that webMethods clusters are in sync
- Perform negative scenario testing

#3 Simulation

- Simulate external systems to isolate the Integration Infrastructure
- Provide common responses from external systems to enable reuse of test cases between the current and migrated environment
- Simulate BPMS decision steps to allow the appropriate model path to be tested in a reliable, repeatable manner

#4 Troubleshooting

- Record production errors and troubleshoot in a different environment
- Step through the code without manually restoring pipelines
- Simulate business processes in the event that infrastructure not available, such as a database server
- Perform negative and scenario-based testing
- Reuse existing test cases to validate defect fixes

#5 Performance Testing

- Revalidate performance metrics against baseline
- Tune platform environment
- Update load testing scenarios

Take the next step to get there — faster.

To learn more, visit www.softwareag.com or www.greenhat.com.

ABOUT GREEN HAT

Green Hat is the global testing technology leader across the SOA lifecycle with dozens of Global 500 customers. We make testing simple for complex systems relying on webMethods Integraion Server and webMethods Broker, CentraSite and BPMS. Eliminate vague requirements. Get quality results faster. Make constant transformation sustainable with reusable assets and simulations. Boost quality and performance to exceed business requirements. Automate now. Make business better.

Software AG's migration methodology in partnership with Green Hat



Using a proven, phased approach, we will ensure a smooth and successful transition to the new platform. Through the use of best practices and Green Hat Testing Framework we can reduce the overall effort and increase quality, saving precious time and resources.

ABOUT SOFTWARE AG

Software AG's 4,000 global customers use our software to improve business processes and drive an agile IT infrastructure. Our customers' goals are to reduce costs and increase flexibility and efficiency. We help them do this by optimizing and governing their operations and aligning IT with the business goals.

Our leading Business Infrastructure Software portfolio is used for data and system integration and modernization. It fosters new levels of IT agility through SOA and allows the rapid creation of new business processes with BPM.

Our 40-year history of success ensures our customers have a reliable platform for driving future business results – faster.

Software AG – Get There Faster

© 2009 Software AG. All rights reserved. Software AG and all Software AG products are either trademarks or registered trademarks of Software AG. Other product and company names mentioned herein may be the trademarks of their respective owners.