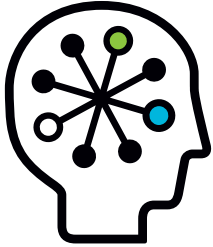# HP and J9 Technologies JDBC Protocol Add-in for HP LoadRunner software

Turn a new page on middleware performance testing

J9's JDBC Protocol Add-in for HP LoadRunner allows you to test application back-end without writing Java code, capture and play back JDBC statements, complete realistic load testing, and streamline your database test setup.

Integration highlights

- Shorten testing cycles: save time in the testing of middleware and back-end tiers
- Improve application service levels: stress critical JDBC queries to prevent future issues
- Create realistic service level agreements (SLAs) to measure and benchmark future performance
- Provide a common communication language between quality assurance (QA), development and database administrator (DBA) teams
- Enable QA engineers to extensively test the JDBC queries without requiring Java knowledge

Databases are often the primary cause of application performance problems. Spotting critical database issues, singling out the data layer to apply direct stress, automatically capturing transactions that hit the back-end, and predicting the user load supported by existing Java™ Database Connectivity (JDBC) connections is key.

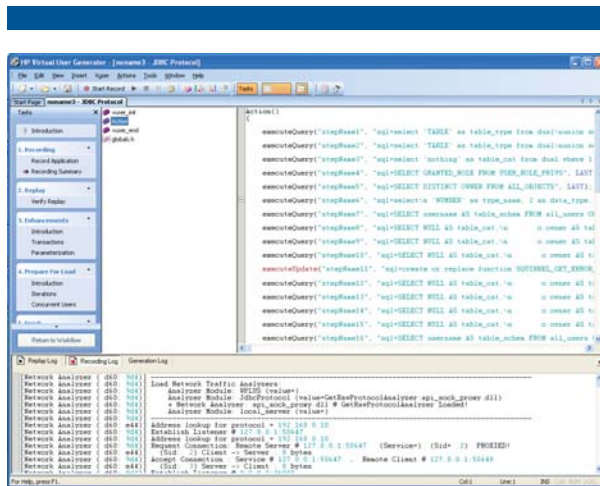## Benefits of the J9 and HP LoadRunner integration

JDBC Protocol Add-in helps you tackle these issues head on. By extending the capabilities of HP LoadRunner, JDBC Protocol Add-in helps stress and isolate problems in the data tier and ensure applications are deployed with confidence. The new middleware testing solution from J9 Technologies can help you stress the data connections and identify bottlenecks before deploying in production. Based on years of testing and diagnostics expertise in helping some of the world's largest enterprises, this solution automatically captures all Microsoft® SQL traffic going from a Java application to the back-end database and plays them back to directly exercise the data tier for high concurrency testing. In essence, installing and running the JDBC Protocol Add-in in conjunction with HP LoadRunner makes it easy to get more out of HP LoadRunner.

Solution benefits

- Test application back-end without writing Java: simulate user load with no front-end application
- Capture and play back JDBC statements including prepared and callable Java SQL statements
- Parameterize to generate realistic load: parameterize within auto-generated test scripts
- Streamline database test setup process: Our scripts reset the database after load testing
- Heterogeneous platform support: work seamlessly with any database, on any operating system (OS) platform

**HP Software
Gold Business Partner**

About J9

J9 Technologies leads the field in application performance analysis and diagnostics. Working side-by-side with our clients, J9 Technologies' consultants utilize proven methodologies to solve mission-critical application performance issues and maximize the scalability of complex application architectures. As a certified HP partner and reseller, J9 Technologies consultants can also install and train clients to use best-of-breed monitoring tools from HP in-house so that firefighting becomes a thing of the past. J9 Technologies fine tunes business to ensure peak performance, scalability and optimization so clients can focus on their bottom line.

For more information

For more information about J9 Technologies, please visit www.j9tech.com.

How the integration works

Leveraging HP LoadRunner and VuGen technology, the JDBC Protocol Add-in records any SQL queries and captures them in standardized scripts. These scripts can be used to simulate targeted loads in terms of concurrent users to almost any back-end database. This easy-to-use solution helps quality assurance teams scale up back-end testing by applying very measurable and repeatable loads that expose any potential problems early in the development cycle.

Certification environment

Hardware: all hardware supported by Sun JDK 1.5 and up

OS: all operating systems supported by Sun JDK 1.5 and up

Software: all Java-based application servers including Weblogic, WebSphere, SAP Netweaver, JBoss, Glassfish, OC4J and any standalone Java application (thick or thin) running JDK 1.5 or above

Technology for better business outcomes

To learn more, visit www.hp.com
www.j9tech.com

4AA2-2692ENW, October 2008

**HP Software
Gold Business Partner**