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Software Test & Performance

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**BEST
PRACTICES:
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This Year's Winners Take the Podium

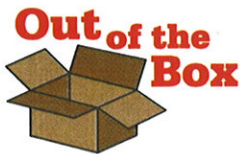
The 2007 Testers Choice Awards

**GUI Bloopers: Usability
Training for Your Test Team**

**Testing Without Requirements:
Navigating the Dangers of An
Uncharted Software Project**

**How to Build Your Own
Automation Framework**

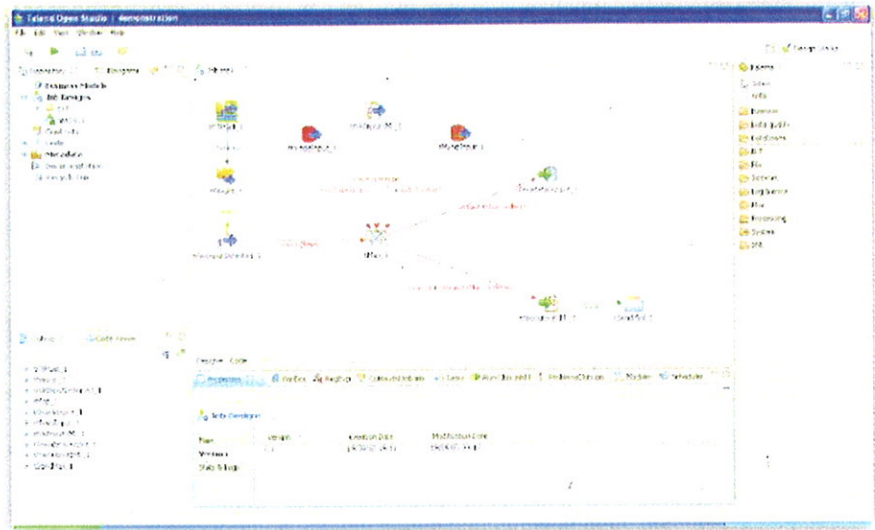




Kid, You've Got Talent

Open source integration tools maker Talend in late October began shipping Open Studio 2.2.0, an update to its flagship environment for data integration between operational and ETL systems, adding a business modeler, job designer and local repository. Data integration processes can now be exposed as Web services.

The new version also now supports event-based actions triggering, giving testers a mechanism for alerting them to events that might affect their work. Beyond the more than 150 integration connectors previously available, version 2.2 adds specialized connectors for “slowly changing dimensions” for DB2, Ingres, MySQL, Oracle, SQL Server and Sybase,



The point-and-click Open Studio tool now exposes connectors as Web services.

a problem common in data warehousing. Other new connectors support stored procedures in DB2, Ingres, MySQL, Oracle

and SQL Server, as well as very large Teradata and IBM Series i databases (formerly iSeries).

Keynote Wants Testers to Go Fly a KITE

Keynote Systems, a provider of software testing tools and services, in late October unveiled the Keynote Internet Testing Environment, a type of transaction recorder that measures performance of HTML- and JavaScript-based asynchronous Web applications for validation and optimization of the user experience. General availability is scheduled for January 2008.

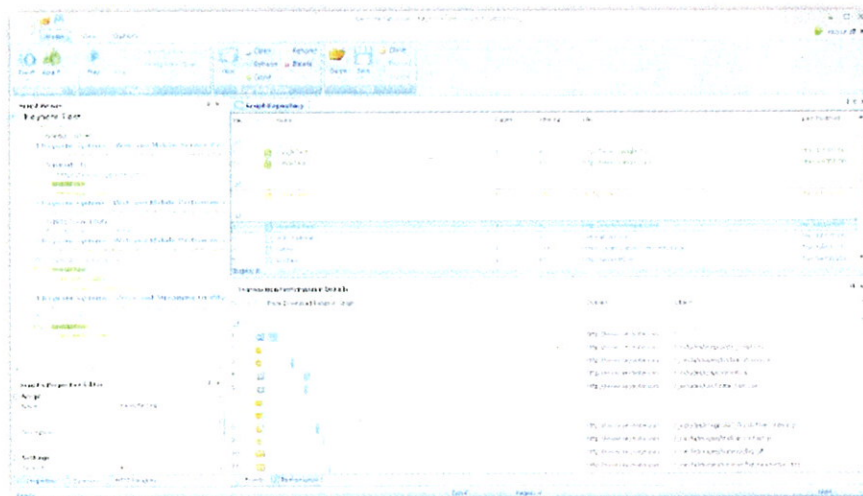
For further performance analysis, recorded measurements can be sent to on-demand services at Keynote, which can return download transaction times, page-level network content details and order/dependency information. Scaled-down versions of the transaction and application analysis services are embedded in the desktop tool.

According to the company, KITE handles asynchronous portions of the application under test by automatically detecting page completion. Recorded scripts also can be edited to include additional wait times or to adapt to Web sites with dynamically generated content. KITE uses IE7 as its playback engine.

Performance Testing as a Service

The company in November was set to launch Transaction Perspective 8.0 and Application Perspective 5.0, updates to its on-demand analysis services that monitor Web applications and transactions, and identify the root cause of defects and performance bottlenecks.

New in the Transaction Perspective 8.0 service is the use of IE7 as its playback engine for end-to-end testing of rich Internet applications and HTML-based apps. Application Perspective 5.0 now includes an embedded Firefox JavaScript engine and emulates Firefox, Camino and Opera browsers. Both work with KITE. Pricing for the app-monitoring service from 10 U.S. locations starts at US\$100 per page per month, and \$250 per page per month for transaction monitoring.



Characterized by the company as a test and measurement environment, KITE lets testers record and analyze application activities.