



Cost-effective performance testing of mission-critical web applications

Overview:

WebLoadTest™ from Reflective Solutions is a unique testing service for web based applications that within five days tells you how well your application will perform and scale, and highlights the causes of any underlying performance problems. This service addresses the real-world need to performance test applications before key decisions about new software releases, public launch and system configuration can be made. WebLoadTest™ combines best-of breed testing functionality with a highly affordable pricing model.

WebLoadTest™ provides vital performance data for all web applications irrespective of their implementation technology, giving our clients detailed information about how their applications will scale and the performance of their system's infrastructure.

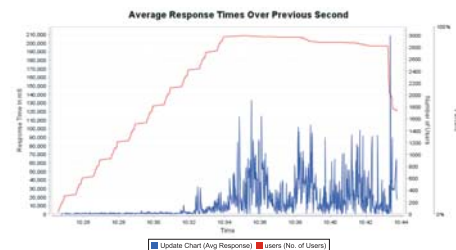
Background:

Web traffic has become extremely unpredictable and, with the rapid growth in e-commerce transactions, many web applications are unable to scale quickly to cope with new business initiatives.

We use our enterprise level performance testing tool - StressTester™ - to identify specific areas of concern within client applications; supplying an insight into the performance of web applications under different loads and providing the information required to size hardware. WebLoadTest™ removes the risk of releasing an application which cannot cope with the demands made upon it.

WebLoadTest™ is the only solution in the market today that combines enterprise

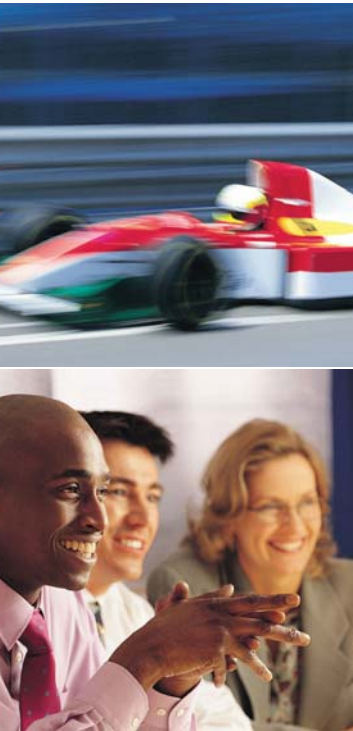
level stress-testing software with expert performance testing consultancy at a price point that ensures that testing is both effective and affordable.



The WebLoadTest™ Approach:

Our approach to performance testing focuses on ensuring the application is placed under realistic load in order that the results obtained are accurate. Working with the client we identify key common transactions within the application, then using StressTester™ we simulate these transactions and ensure 'correct' testing – randomised data, varied sleep times, response validation, alternative flows, etc. - by following our proven performance testing consulting process.

A typical WebLoadTest™ engagement takes only five days to complete and includes the creation and execution of a number of likely performance testing scenarios. Test results are provided in a detailed performance report.



“WebLoadTest™ allowed us to understand how reed.co.uk would perform with more than double our recorded peak number of users”

Mark Ridley,
Head of Technology,
Reed Online



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Benefits of WebLoadTest™:

Unrivalled value – WebLoadTest™ is a fixed price service that combines software and consultancy to offer unrivalled value. Uniquely, we do not charge dependent on the number of users to be simulated; whether it is 100 or 100,000 virtual users, the cost is the same. This means it is not uncommon for the cost of WebLoadTest™ to be under a third of the price of comparable services.

Tailored – Every project requires our team to create a series of specific tests for the application we are testing. By recording real user behaviour and then randomising that behaviour, we are able to gather crucial data about the application's ability to carry out its most critical tasks.

Rapid – Typically within a week of being engaged we are able to produce a detailed report upon the application's ability to perform under different loads, along with details of how the underlying infrastructure performed during the tests.

Rigorous – By focussing on the application's real usage, and ensuring that transactions are performed at the right rate, we are able to gradually scale our tests such that it becomes very clear exactly if, where, and at what load levels an application has performance or scalability problems.

System Monitoring – As well as placing the application under the required correct load, StressTester™ will also monitor the components of the application – the operating systems, databases, network and any other relevant items. StressTester™ correlates the results of this monitoring with the performance test results – allowing our clients to understand not only what performance problems their applications may have, but also why these problems occur.

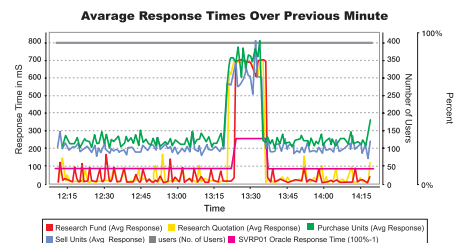
Don't take our word for it...

Mark Ridley, Head of Technology of Reed Online:

“WebLoadTest™ allowed us to understand how reed.co.uk would perform with more than double our recorded peak number of users. From a business perspective this knowledge means that we are able to accurately forecast expenditure on infrastructure.”

Stuart Bonell, Director of Products, Attenda:

“By partnering with Reflective Solutions, we are now able to offer our clients true load testing of their applications. The results enable them to understand how their applications will perform in the real world and make informed decisions on capacity planning.”



Reflective Solutions:

Reflective Solutions provides tools and services to allow our clients to extract the best performance and scalability from their hardware and software investments. Reflective Solutions' StressTester™ tool is independently certified as being the easiest to use of all the enterprise level testing tools available today.