InfoJobs

After experiencing a day-long service outage, InfoJobs sought a solution that would ensure high server availability. After selecting Silk Performer® to provide load testing, the organization has experienced close to 100 percent server availability.

Overview

InfoJobs is the leading employment website in Spain. The portal manages 7 out of every 10 jobs advertised on the Internet, and its services have helped 331,000 jobseekers to secure employment over the last year. Achieving this position of leadership is a direct result of an ongoing investment in development and innovation. InfoJobs has become a leading company both in terms of traffic and the size of its database, and in terms of the constant technological developments and improvements it makes to its portal.

Challenge

Generating an average of 180,000,000 page views per month (according to the OJD

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> **ALMUDENA VIVANCO**
> Performance Engineer
> InfoJobs

[Oficina de Justificación de la Difusión]—circulation audit bureau—data for 2011), InfoJobs needs everything to work continuously at 100 percent: no downtime, no delays, no errors. The company had previously experienced loss of service for a whole day, which became a major trigger to find a solution that would avoid that in the future, and deliver close to 100 percent reliability.

The website's advanced requirements include continuous integration, SCRUM (software management and development method) and a high degree of scalability. Although InfoJobs is primarily known for bringing together employers and potential employees, it also offers additional services to help professionals in their working life, such as its training portal or the Application Programming Interface (API) services for third parties, placing extra demand on its web infrastructure.

"With these requirements we needed a full set of solutions covering JMX monitoring, as well as an upload tool. We looked at a number of well-respected tools on the market. The balance tipped in favor of Borland (now part of Micro Focus) and Silk Performer because it addressed all of our needs," says Almudena Vivanco, Performance Engineer at InfoJobs.

InfoJobs.net

At a Glance

■ **Industry**
Other

■ **Location**
Spain

■ **Challenge**
InfoJobs must ensure the quality, scalability and evolution of its website, and make immediate decisions about its infrastructure and architecture.

■ **Solution**
Use Silk Performer to simulate performance under peak loads.

■ **Results**
+ Ensured the quality, scalability and continued evolution of the website through load testing
+ Provided the ability to maintain 100 percent uptime in server availability

Results

Silk Performer allows InfoJobs to conduct performance testing and accurately simulate the peak loads to which the application will be subjected, identifying any possible stoppages or bottlenecks that could occur. As a result, InfoJobs has ensured the quality, scalability and continued evolution of the website. It also allows the company more freedom in making decisions about architecture and infrastructure since it fully optimizes the performance of the business applications.

"The company started a project to improve the website, and Silk Performer gave it the boost it needed," says Vivanco. "Silk Performer gave us confidence from having pre-production systems, testing network systems and a shared production environment, delivering huge technological benefits."

Ever since initial testing began, the results have been very positive. The first significant version tested with Silk Performer was a solution to help companies manage applications from candidates responding to a job advertisement, and process the résumés received.

This was an important sector for InfoJobs, as successful management of résumés can make a huge difference to candidates, potentially leading to a change in status from unemployed to employed, or to a change of employer, or in maximizing the interest in that person from potential employers.

Silk Performer allows the company more flexibility when it comes to making decisions about its infrastructure and gives it confidence in its ability to retain its reputation for technology leadership. An additional benefit of Silk Performer is an increase in production from fortnightly, a side effect of implementing SCRUM, to thrice weekly.

"Silk Performer allows us to ensure the quality, scalability and evolution of our website and to make decisions about our infrastructure and architecture," explains Vivanco. "Before we started using Silk Performer, we experienced a loss of service for almost an entire day, which was unacceptable and was a major trigger to look for a solution that would guarantee server reliability. As a result, we are now experiencing close to 100 percent uptime for server availability, which is quite impressive," he concludes.

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