

Performance Tuning for Java Applications

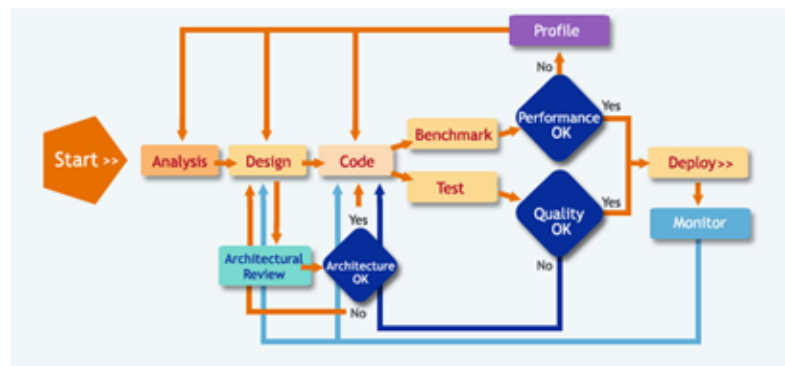
Communicate, Collect, Analyse, Tune and Scale

Resolving performance bottlenecks in Java applications is a challenge especially in production. Deploying inadequately tested applications into a production environment can lead to costly performance issues that can have a detrimental effect on the business. Whether it is production or pre-production testing, it is vital that the correct tools and processes are used to guard against the application failing to meet its performance requirements.

Having the right partner to assist with the resolution of performance problems is essential to the delivery of high quality Java applications. The right partner will not only help development in writing quality Java code but they will also help the IT support teams in tuning the application pre-production and production. That partner is DeCare Systems Ireland (DSI).

"DSI shares our own commitment to helping enterprises deploy and manage high performance Java applications. By leveraging Quest's PerformaSure and JProbe software with their own advanced performance tuning techniques, DSI guarantees the scalability, robustness and performance of Java applications. This philosophy is what drives DSI's application development - and what separates them from typical development environments."

- Christian Ledwidge,
Manager,
Solutions Architecture EMEA



DSI enhanced development process using Quest's Application Assurance Suite

Using DSI's detailed knowledge of enterprise Java application development and leading tools such as Quest Software's JProbe and PerformaSure, we can provide a range of Java performance assessment engagements. Ranging from one-day remote diagnostic assistance to multi-day on site production troubleshooting and consultancy, DSI has a number of engagement models to suit your requirements. Existing JProbe and PerformaSure customers can benefit from a wide range of quick start services as designed to get the most out of your investment.

Getting the most out of your Java Applications

Remote Session Analysis is a short one day engagement that is the perfect solution for customers who have existing JProbe or PerformaSure installations, but lack the in-house expertise to get the most from their investment. Customers can send DSI their session data for detailed analysis and DSI will report back with their findings. If the session data is of high enough quality, this report could highlight the potential causes of existing performance issues or candidates for further investigation. If the session data is of insufficient quality, DSI will make recommendations on the improved use of the tools to get session data of sufficient quality.

On-site Session Analysis is similar to the **Remote Session Analysis** offering but with the added benefit of having the performance consultant on-site. Our performance consultant will work with your team in recording and analysing data and communicating findings to interested parties making this a popular choice for companies looking for on-site consultancy without the in-depth financial commitment.

Performance Analysis provides the customer with a deeper understanding of their application performance and focuses on the areas of greatest business risk. DSI will leverage Quest Software's Application Performance Management (APM) Suite of tools to determine application hotspots, address existing issues or audit existing applications for the purpose of trending, forecasting and/or capacity planning.

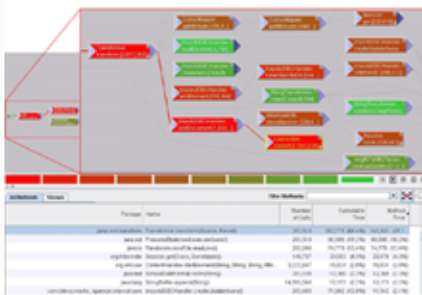
Performance Analysis engagement is not only available to customers with existing JProbe and PerformaSure installations but also to customers who have not yet committed to a long-term APM investment. DSI, courtesy of Quest Software, will provide and install, termed licenses for the duration of the engagement.

DSI's **Code Red** offering provides customers with the skills and expertise of DSI's performance consultants in the event of critical application failure. Our consultants will have the support of DSI's performance management team, providing for in-time problem determination, communication of situation status to all concerned parties and formulation of a plan for problem resolution.

Services can be tailored to clients requirements and additional consulting days may be booked with any of the above offers. Please contact sales@decaresystems.ie for pricing and availability.



PerformaSure: Tuning during system testing



JProbe: Snapshot and call graph

About DeCare Systems Ireland

DeCare Systems Ireland Ltd (DSI) is an enterprise software development company specialising in developing and integrating custom .Net and Java applications. Our customers, who include Amazon, Avon, Expedia and a number of large US healthcare insurance carriers, chose DSI because of our strong attention to technical excellence and our proven project delivery skills.