

Application Performance Investigation

Quickly understand why your application has performance, scalability and stability problems and how to eradicate them

Overview:

Reflective Solutions' Application Performance Investigation service follows a proven holistic approach to identify the reasons for an application's poor performance, scalability or stability in just one week. Once the reasons have been identified, the consultants within the Reflective Solutions Performance Centre use their extensive in - depth knowledge and experience to recommend remedial action that is guaranteed to eradicate the problems.

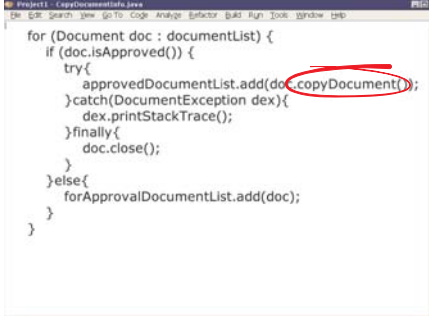
Background:

When presented with a poorly performing, insufficiently scaling or unstable Java or .Net application, the most commonly followed approaches are to modify the application code based on the perceived problem area, purchase additional infrastructure software, or upgrade the hardware platforms.

All these solutions involve considerable cost, both in terms of effort and expenditure, without being able to quantify the benefit that will be realised before the solution has been implemented. An all too common outcome is that at the end of the remedial effort, the outcome required has not been delivered.

Application Performance Investigation

Application Performance Investigation is a service that utilises a specialised toolset to holistically monitor all aspects of a poorly performing application, identify the reasons for the poor performance, and detail a set of remedial actions to solve the performance problems.



```
for (Document doc : documentList) {
    if (doc.isApproved()) {
        try {
            approvedDocumentList.add(doc.copyDocument());
        } catch (DocumentException dex) {
            dex.printStackTrace();
        } finally {
            doc.close();
        }
    } else {
        forApprovalDocumentList.add(doc);
    }
}
```

Application Performance Investigation is used by organisations that quickly need answers to their application's performance problems – whether they are discovered in pre-production or the actual production system. The service is applicable to all verticals and any application written using Net or Java/J2EE.



A guaranteed service to identify the reasons for poor performance, scalability or stability of any Java/J2EE or .Net application.





Benefits of Application Performance Investigation:

Holistic approach – Our consultants follow a proven process to monitor the entire application and the components that it uses (including the operating system, network, JVM, J2EE application server, CLR, database, and application code itself), allowing all the factors contributing to the performance problem to be identified and investigated.

Tools and consultancy – Clients do not need to worry about licensing complex and expensive tools or training staff in their usage. Reflective Solutions provides all the tools required for the service and expert performance consultants to perform all aspects of the engagement.

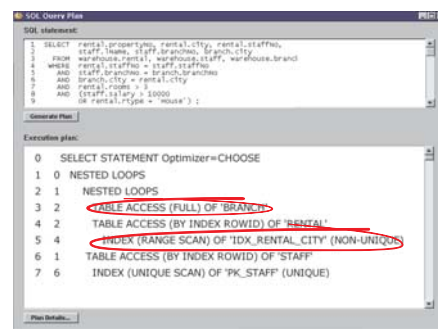
Rapid – We realise that when faced with a performance problem, it often becomes the key issue and resolution is very important. An Application Performance Investigation engagement typically requires only five days to complete.

Pragmatic – Our consultants realise that all recommendations need to be pragmatic, be easy to implement and provide immediate business benefit upon implementation. We therefore look for 'keyhole surgery' fixes as opposed to recommending changes that will be unpalatable and unrealistic for our clients to implement.

Guaranteed – All engagements are guaranteed to identify the reasons for the poor performance and provide

recommendations, based upon empirical information, on how to fix the problems. If we don't provide all this information, the client is not invoiced.

Fixed price – Application Performance Investigation is a fixed priced service. Coupled with the guarantee, this means the client can purchase the service with confidence of receiving real value for money.



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.



Tel: 0844 770 0020
Fax: 0844 770 0024
or internationally on
Tel: +44 20 7953 8489
Email: info@reflective.com
www.reflective.com

Head Office:
Coppergate House
16 Brune Street
London
E1 7NJ

