

IBM Software Demos

IBM SOA Healthcheck Applications and Services

IBM_SOA_Healthcheck_Applications_and_Services_D_Oct08

Chapter 1

I'll be honest – I'm not feeling so great. So, I am here at the Doctor's office to get myself back into top form. It's important to fix problems early, to avoid more severe problems later – which can be costly and dangerous.

It's the same with Service Oriented Architecture, or SOA. It's vital to check the health of your SOA's Applications and Services. By maintaining a healthy SOA implementation, you can avoid costly and dangerous SOA Rescue Missions later on.

Chapter 2

For the sake of this demo, I will play the part of an SOA Implementation. I've come to the doctor's office today because I have a specific problem with my SOA Governance.

That's why I am in the Specialized Diagnostics room, focusing on Applications and Services. If I didn't know what was wrong, I would come in for an SOA Healthcheck Workshop. This type of workshop will help you determine what type of problems exist in your SOA implementation, and how to treat them. That's right down the hall.

In the area of Applications and Services, there are a few key Specialized Diagnostic and Treatment areas focused on by an SOA Healthcheck.

Chapter 3

The first is Application Reuse. An unhealthy SOA implementation might not be leveraging existing business functions that are codified in a legacy system, or might be utilizing services developed for a specific application or line-of-business, without consideration of cross-application or line-of-business requirements. Or perhaps, its business processes are locked in application silos. The SOA Healthcheck can verify that the transformation of legacy systems has been done correctly and efficiently, optimizing the use of existing functions. Also, it will ensure that new services are created, so that they can be reused correctly – your business should be able to take existing applications and make their valuable functions available for broader uses.

Under the area of Service Use and Governance, an unhealthy SOA implementation might have rogue services, or IT might be replicating the development of key business services because it isn't aware of ones it already has. Your business should

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be able to use services across multiple processes through a service repository – the SOA Healthcheck can make sure that your business is on the right path.

The last area to focus on is Service Security. In an unhealthy SOA implementation, security might be administered on a per-application basis, or security may be non-existent between web applications and existing enterprise systems. Or maybe security is application-specific for the management of services identity. The SOA Healthcheck can ensure that proper security is enacted for your services, and that identities are managed across boundaries that are spanned by services.

Chapter 4

A healthy SOA implementation optimizes the leveraging of existing assets, and builds services with reuse in mind. Services are reused effectively, and proper governance processes are in place. Services have common service registries and repositories, as well as common security administration. And an SOA Healthcheck is the path to that type of healthy SOA implementation.

Now, you'll have to excuse me, here's the doctor. You want to wait for me outside? Thanks.

Chapter 5

Well, that was simple. My SOA Healthcheck Doctor treated my governance problem, and gave me this fitness plan to keep me healthy far into the future. This SOA Healthcheck can be a real lifesaver for your business' SOA implementation, too. Fixing a small problem now is a lot easier than fixing a big problem later on. And a lot cheaper, too!

Isn't it time you checked the health of your Service Oriented Architecture implementation? A healthy and up-to-date SOA implementation can carry your business into the future with confidence. So go and get that confidence, with an SOA Healthcheck from IBM. Whether you want to find any problems in your SOA implementation with an SOA Healthcheck Workshop, or you want to focus on a problem you've already discovered with an SOA Healthcheck Specialized Diagnostic, IBM has the solution for you. Now you'll have to excuse me – I'm feeling great and ready to get back to work.

You've seen the demo, now click the link to learn more.