SERVICE OVERVIEW
APPLICATION HEALTH CHECK

Overview

Internal IT maintenance is part of the 70-80% spend of all IT budget every year, yet nearly 7 out of 10 IT projects do not meet their objectives. IT executives are constantly striving to ensure systems are truly 'fit for purpose' as they aim to support the business more effectively.

The Micro Focus Application Health Check Service is a quick-fire but detailed approach to help existing clients understand the value they are getting from their IT systems, making recommendations where improvements can be made through the use of expert Micro Focus capabilities and services.

The Health Check will take the pulse of core applications and provide options for potential areas for improvement such as removal of redundancies or code inefficiencies, application documentation, impact analysis, test construction and execution, and even application lifecycle management. Based on your IT strategy, Micro Focus can review your systems and your use of our solutions to ensure you are deriving the best possible value from us.

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Benefits

With the automated reporting capabilities provided by our Service, you can use this information to quickly move to resolve a number of potential points of concern, which could include replacing missing documentation, accelerating technical knowledge transfer, reducing application complexity, and assessing change impact before major changes are made – thereby improving testing and release procedures.

Whether you are embarking on routine maintenance, major application upgrades, legislation compliance projects or code rewrites, the best place to start is by taking the pulse of your current application code base, to help you determine the correct options going forward. This service will help you:

> Reduce the cost involved in complex project planning

> Remove the risk of failure of critical IT maintenance projects

> Improve the productivity of core application analysis by 60%

> Identify and mitigate any serious deficiencies within your application sets

Depending on the needs of the health check, Micro Focus may be able to offer advice and resource to help you plan and undertake the following potential modernization services:

> Batch process streamlining

> User interface modernization

> Data store replacement / refinement

> Development process modernization

> Platform modernization

> Micro Focus tools and expertise provides the leading service for identifying business 'fitness for purpose' from your critical applications.

Service Offering

The Health Check service is underpinned by Micro Focus' wealth of knowledge and experience surrounding the management of enterprise applications. Through this knowledge, combined with the use of some of the most advanced analysis tools available in the industry, the Health Check service enables you to:

> Identify the fundamental composition and structure of your core applications

> Diagnose any points of concern including complexity hot-spots, code redundancy, duplication, potential inefficiencies

> Assess the overall application environment including Micro Focus' technology usage

This Service can be fully tailored to help you scrutinise specific elements or undertake particular forms of analysis.

So whether it is a general check-up you are looking for, or a more precise investigation, Micro Focus can work with you to agree and then undertake the checks you want to make.

Health-Check Reports

The nature of the Health Check will impact the kind of information you are looking to unearth. The following are some typical examples.

Inventory/Application Report

A fundamental question often asked is "what does our application estate look like?" For clients who are long overdue a holistic view of their applications' intellectual property, an Inventory Report is an important first step. Micro Focus will build an Inventory Report based on the source code that comprises your application.

Taking as input all manner of source types from a variety of platforms, Micro Focus can build you a picture of your application estate and report on key points of interest, including:

> Calling and Called programs/transactions

> Interfaces and Databases used

> Complexity metrics and overall totals

> Any points of concern

This report will also contain a graphical view for each of your application components.

Impact Tracing Report

Where the problem is less about knowing what you have, but more about knowing how changes to may affect things, you need to understand potential impacts. Using class-leading technology, Micro Focus can provide an impact tracing report that will assist in creating a more scientific approach to application changes, and how they need to be tested.

Micro Focus provides a more complete impact analysis trace, providing you with not just a list of the components that may be affected, but the specific reasons for the potential impact.

Application Efficiency Report

Years of support and maintenance and new business requirements have evolved the application estate into a large and unwieldy form, with poor documentation and little clear understanding of its composition. There may now be areas of code duplication, code redundancy or code that simply performs inefficiently.

Micro Focus can provide a bespoke service to examine these potential areas of inefficiency. Our report will highlight areas of concern, types of Inefficiency , breadth of Impact and suggested corrective action.

Irrespective of the nature of your Application health concern, the Health Check service will report on the heart of the matter.

Other Health Checks

The Health Check process can be tailored to suit the needs of the client. Some other available health check areas include:

Application Flowcharts - diagrammatic representation of the flow of application logic, particularly useful for training and documentation purposes.

Data access - Showing usages of data at a file, table, columns or field level; helpful when planning the testing for a major release, or a database upgrade.

Complexity Metrics - Reports on industry standard metrics Including McCabe, Halstead, FPA, for when you are maintaining highly complex code and need to divert the right resources to the right areas.

Micro Focus Product Health Check - While you are examining the state of your own applications, Micro Focus will be able to look at your usage of our technology and products and suggest areas of improved usage where you can derive further value.

For additional information please visit: www.microfocus.com