

SERVICE OVERVIEW

CODE CONVERSION

Overview

Over the years, many different programming languages and application generators have been used in organizations across the world as a toolset for rapid development of mainframe applications. Certain choices were once a solid approach, any productivity tool was welcomed. However, in today's cash-constrained IT climate, organizations are looking for a way to develop and maintain systems faster and cheaper, without posing risks to the business. Some language environments simply have not stood the test of time, with support, skills and overall productivity deficiencies making these environments unviable.

- The Micro Focus Code Conversion Service provides a simple solution to your language problems, by providing a one-time conversion service to transform your application into an economically viable language.

Automated conversion techniques and class-leading methodology, allied to a tremendous breadth and depth of legacy environment modernization skills, allow Micro Focus to provide a highly cost-effective, reliable and assured approach to removing your existing language choice challenge.

Moving to a more portable, flexible and widely-used language environment, removes risks and builds flexibility into your IT assets.

Micro Focus can solve your skills and development bottleneck problems once and for all by converting your application code into a portable, flexible and economically viable language.

Service Offering

Micro Focus consultants will work with your application experts to:

- Identify, examine and review your existing application set (using Micro Focus' own application discovery technology where appropriate).
- Establish a full understanding of the current and target requirements.
- Build a comprehensive estimate and project plan that works for both parties.
- Manage and control the conversion and testing exercise.

Often, the most logical, viable and business-centric choice of target language environments is COBOL. Micro Focus' expertise in the COBOL language is unparalleled, and COBOL's enterprise-wide portability makes it a clear choice for core system application code.

Whether you are looking to extricate yourself from a proprietary or code-generator-based environment, remove dependency on a language that is no longer suitable for your needs, or get rid of highly complex Assembler code, Micro Focus has the technology and conversion skills to remove these bottlenecks once and for all.

COBOL remains the undoubted language of choice to run critical enterprise systems: over 200 Billion lines and still growing; supported on dozens of the very latest environments - and portable across them all...

A Typical Conversion

For illustration purposes, let's take a typical conversion of a proprietary mainframe language. Micro Focus will convert your proprietary application language code into standard, readable, maintainable COBOL code. This resulting code-

- Has no hidden runtime modules or extra components that lock you in
- Is of consistent quality that is functionally equivalent to the original application code
- Is clean and highly readable, and each module is structured like the next.
- Will take care of related screen, data and TP accesses as appropriate.
- Can be provided as a totally portable application.

Micro Focus will use automated analysis technology and then automated conversion technology to streamline and remove manual effort as much as possible.

Regardless of the language you wish to convert, contact Micro Focus to discuss our expertise in converting to a more suitable environment.

Micro Focus possesses the experience, the skills, the technology and the project discipline to make your code conversion project a success

Establishing a robust method of testing the conversions is as important as the conversion itself.

Micro Focus experts will undertake the following vital technical steps as part of the code conversion process.

- Work with Clients to agree appropriate test cases for the conversion
- Identify important nuances or other points of interest in the current application code that may require special attention
- Establish as close to a fully-automated conversion process using technology that has already converted tens of millions of lines of code
- Use Micro Focus' own class-leading development technology to compile and debug each converted module
- Recommend automated testing technology to assist with the client's system test planning phase

This robust, high-quality, methodological process yields very impressive and high quality results. See our testing services collateral for more details on our services expertise and technology.

For additional information please visit: www.microfocus.com