SOLARIS C/C++ PORTING TO LINUX

CHALLENGE

The challenge is to move C/C++ code from Sun Solaris platforms to powerful and efficient Linux® platforms at low cost, with limited involvement from your key developers.

SOLUTION

The IBM Migration Factory provides Solaris C/C++ code bulk porting to Linux, allowing you to focus your valuable time on business issues.

The C/C++ code migration service:
- Leverages IBM's many years of experience, proven methodologies, tools and expertise for rapid porting,
- Helps maintain consistent adherence to standards, and
- Drives efficient migration via a factory approach.

The Migration Factory's Solaris C/C++ porting service is an easy decision for software developers with large amounts of Solaris-based C/C++ code who need to quickly port custom-code applications for a low cost.

The Migration Factory provides the capability to analyze your code, rapidly identify porting issues, and remediate the issues so that the code can be compiled and linked on Linux.

The Migration Factory leverages unique and industry-leading services, in conjunction with best-of-breed tools and experienced resources, to efficiently port Solaris C/C++ code.

The service covers like-for-like porting (32-bit to 32-bit, 64-bit to 64-bit) and excludes migration of middleware, third-party products, package code, embedded SQL and testing, which are available separately.

This capability is solely focused on producing ported code and a clean compile-and-link on Linux that can be integrated with the remainder of the application ready for test and deployment.

Additional fee-based services such as shell script porting, project management, testing, and implementation delivery are available to support a larger porting and migration effort.

KEY BENEFITS

- Jump-starts a migration project with source code successfully compiled for your Linux target platforms

- Allows much more expensive in-house talent to focus on getting the code to run properly in your environment

- Limits assessment costs and permits more accurate schedules and cost estimates to be developed

- Significantly lessens tool evaluation, training and licensing costs

- Leverages extensive migration experience to resolve issues quickly

HOW DOES IT WORK?

- Review your requirements with our migration team.
- We tell you how long it will take to port and how much it would cost.
- You contract with IBM for services.
- You send us the code.
- You set up your baseline environment and validate that it compiles in your environment.
- We set up a Linux target environment which is representative of your target environment.
- We make the changes required to the code such that it will compile and link cleanly on Linux.
- We send the ported code back to you, with changes documented, ready for integration and testing.

Contact the Migration Factory
- 1-866-MIGR8TE (toll-free in the US)
- migr8te@us.ibm.com
- IBM Sales Team or Business Partner

NEED HELP MIGRATING TO IBM?

THE IBM MIGRATION FACTORY HELPS ANSWER KEY QUESTIONS
- "Can it be done?"
- "How is it done?"
- "What will it cost?"
- "How long will it take?"
- "What are the risks?"

WHAT DOES THE MIGRATION FACTORY OFFER?
We've been doing one thing for 20 years — migration. The Migration Factory uses proven methodologies that are designed to be cost-effective and help mitigate risk.

Capabilities include:
- Accurate sizing and costing of a migration
- The expertise necessary to control the risk associated with application migration
- Cost-effective application migration
- Migrations for custom-coded applications as well as select packaged applications and databases
- System and application upgrades to newer platforms
- Significant knowledge, expertise and experience in moving applications and associated databases from Solaris, HP-UX, Tru64 UNIX® and Linux to IBM platforms
- Application-centric server consolidation

HOW DO YOU GET STARTED?

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HOW WILL MIGRATION HELP YOUR BUSINESS?

Leverage more powerful and supported technology
Current platform may have limited or discontinued vendor support.

Retain investment
You've invested a great deal of time and resources in existing applications.

Reduce cost of ownership
There are potential cost savings from replacing hardware, consolidating servers and using available skilled resources.

Access to larger pool of skilled technical resources
The available pool of resources declines over time for older technologies.

CORE CAPABILITIES

UNIX
- IBM AIX
- Linux
- Sun Solaris
- HP HP-UX
- HP Tru64
- DG DG-UX
- Sequent® DYNIX/ptx®
- SGI IRIX
- SCO
- NCR
- AT&T
- 32-bit to 64-bit enhancement

Package applications
- SAP
- PeopleSoft
- Oracle E-Business Suite

Database migration
- DB2®
- Informix®
- Oracle
- Sybase
- SQL Server

Other
- OS/390®
- Microsoft® Windows®, Windows NT® and Windows XP
- NUMA-Q®
- Unisys
- Tandem
- Stratus
- HP 3000
- OpenVMS