

Advanced Open C/FIX Translates VMS specific C code

Open C/FIX is a translator that converts VMS specific C code to C code that is compatible with Open LIBR8 on Unix, Linux and Windows systems

Open C/FIX is a translator that allows VMS specific interface routines to be translated to routines that will link transparently with Open LIBR8, our library of VMS system services and runtime library calls.

Open C/FIX is available for Unix, Linux and Windows.

Open C/FIX works in one of two modes:

- > Translation of VMS specific statements to Open LIBR8 compatible statements, or
- > Produce common source for Unix, Linux and Windows

Features

- > Convert all VMS system services and runtime library calls to lower case
- > Argument completion for VMS runtime library calls with variable arguments
- > Convert VMS specific forms of #include
- > Handle logical names in file opens and include statements

- > Convert \$DESCRIPTOR to DESCRIPTORS
- > Remove RMS extensions from file open calls
- > Convert dollar signs to underscores in VMS calls
- > Flag use of variant structures and variant unions
- > Flag use of globaldef and globalref statements
- > Do argument checking by adding a function prototype include file for VMS system services and runtime libraries for use with ANSI C compilers
- > Replace exit() calls with sys\$exit() calls
- > Handle #dictionary statements by changing them to #include statements.

Benefits

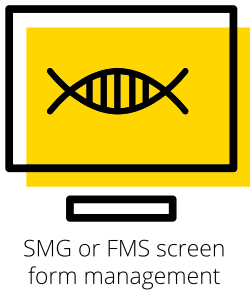
- > Reliable migration of VMS C to Unix, Linux and Windows
- > Automated process
- > Integrated with our other tools.

"We developed our applications in-house to handle the unique needs of our diverse client base. However, further scalability was not going to be possible without a change of platform.

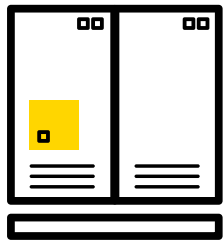
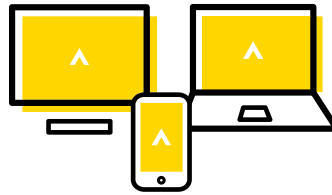
Migration with Advanced offered us a fast, cost-effective and low-risk solution."

Rob Hussey >
Head of Solutions Delivery >
Mercer Outsourcing

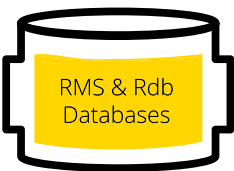
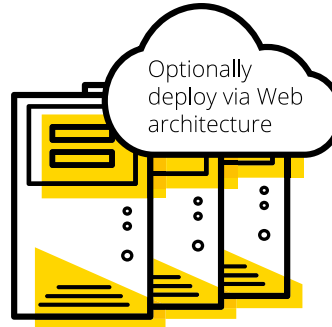
Open C/FIX



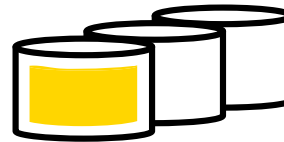
---> User interface can remain character-based or a new interface using Java, VB or ASP.NET/JSP browser-based deployment can be implemented.



---> Tools-based migration of core COBOL, FORTRAN, Pascal, Ada, BASIC, and C on-line and batch programs, with optional extraction and componentisation of core business rules into re-usable 'application' or Web services.



---> RMS and Rdb databases migrated to RDBMS environment. Application data management layer underpinned with embedded SQL I/O services and called from original file access points in application.



Upgrade to Open RDBMS environment

"We chose Advanced for this complex and demanding migration as it had both the technical expertise to convert our OpenVMS applications to Windows, and also its well established migration methodology."

Martin Heaton >
Control Systems Development Manager >
Springfields Fuels

More information

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