Convert Easytrieve language to COBOL

IBM

IBM Migration Utility for z/OS™ and OS/390®

Highlights

Allows customers to create standard COBOL reports using Computer Associates' Easytrieve® Plus language without requiring that the Easytrieve Plus product be installed

Leverages your existing Easytrieve skills: continue to modify your Easytrieve reports using Easytrieve language and immediately generate new COBOL programs

Provides ability to augment Easytrieve logic with embedded COBOL subroutines and standard COBOL programming

Provides superior efficiencies in I/O handling and memory management and improved performance in sorting and searching

Allows accessibility to all COBOL debugging tools

Enables porting of Easytrieve applications to any platform with a supported COBOL compiler including AIX® and OS/400®
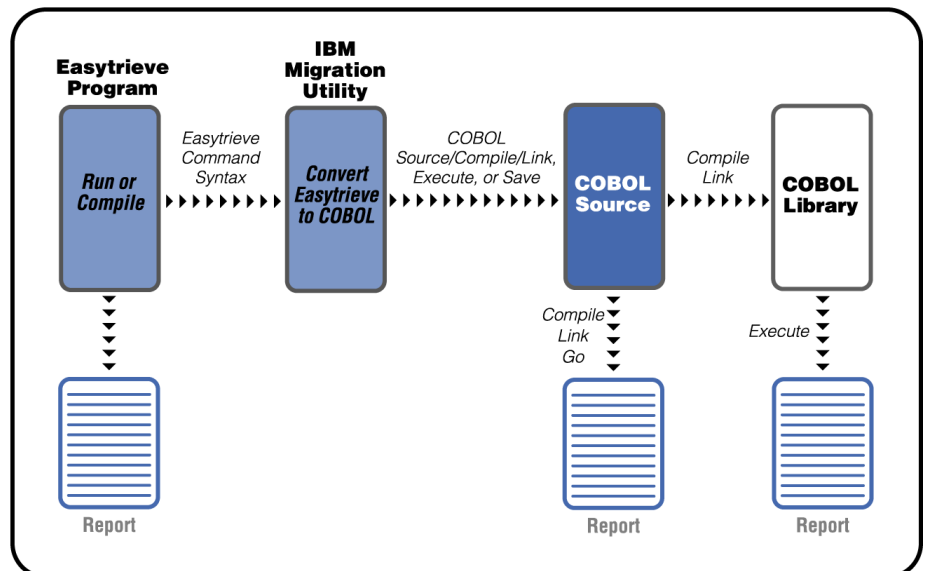
e *business*

Overview
The IBM Migration Utility for z/OS and OS/390 enables customers to create reports using Computer Associates' Easytrieve Plus language without the need for Easytrieve Plus to be installed, by creating IBM COBOL applications in place of the Easytrieve run-time interpreter. The IBM Migration Utility can be used in several ways:

• Existing Easytrieve reports can be converted once to standard IBM COBOL, then run and maintained as COBOL programs Modifications to reports can be made using the Easytrieve language, and converted to COBOL using the Migration Utility

• Existing Easytrieve programs can be converted to standard IBM COBOL, and enhanced or extended by embedding new COBOL statements in the programs.

• New Easytrieve reports can be generated using the Easytrieve language, and compiled directly into standard IBM COBOL with the Migration Utility. These can be *ad hoc*, one-time reports, or can be saved as COBOL applications for ongoing use.

The IBM Migration Utility reads Easytrieve language statements, converts them to a neutral meta-format, generates standard IBM COBOL statements, compiles (and optionally saves), and executes the compiled COBOL code. The generated COBOL source can be edited to include additional logic not supported by Easytreive, or to make modifications to report content as required by changing business conditions.

Sample JCL is provided for each job step in the translation process,

which can be adapted to the user's operating standards. The IBM Migration Utility for z/OS and OS/390 ships as a set of macros which interpret the Easytrieve syntax and generate the meta-format, and load modules which perform the rest of the conversion to COBOL. The sample JCL then invokes the COBOL compile, link, and go steps.

Features
- Enables customers to create standard COBOL reports using the Easytrieve Plus language

- Generates standard COBOL statements that can be imbedded in the Easytrieve Plus Program

- Utilities are available for converting Easytrieve Plus record layouts to COBOL copy books

- COBOL copy books can be directly used in Easytrieve Plus Programs

  The IBM Migration Utility for z/OS and OS/390 supports the following file types:

- VSAM, QSAM, SAM
- DB2® (Native and Easytrieve Mode)
- Tape Files
- Unit Record Devices

Benefits
Use of the IBM Migration Utility for z/OS and OS/390 delivers the following benefits:

- Reduction of total cost of ownership
- COBOL I/O handling and memory management are more efficient
- COBOL Sorting and Searching are more efficient
- COBOL coexists better with other languages and environments
- COBOL debugging tools can be used for debugging
- More COBOL skills are available in the labor market for program support
- COBOL is portable to other platforms (subject to supplier's functional limitations).

Hardware and Software Prerequisites:
The IBM Migration Utility for z/OS and OS/390 operates on OS/390 Version 2 Release 6, or later (5647-A01) or z/OS Version 1 Release 1, or later (5694-A01).

How to Order
For full ordering options, visit our Web site at www.software.ibm.com/ad When ordering IBM Migration Utility for z/OS and OS/390, specify program number 5655-I18.