



July 4, 2018

Less Compile time with newer Enterprise COBOL

The typical time to run a COBOL compile as defined by IBM for Enterprise COBOL 5 or 6 is 5 to 10 times the time to execute the older compilers. Yes, more is received from the new compiler. Execution time is much faster for the compiled code for production.

Some compiles on the newer compiler go to 15 or more times if the PERFORM structure is lacking. This can be corrected, but not without reasonable effort. See [Excessive Time in COBOL compiles](#) for more info.

Cleaning up the program to make the compile time faster, has an even better upside, namely forever after maintenance on the program can be done quicker and more easily. The benefits for doing this are worth the effort and to do this requires a competent team or member.

The next way to save compile time is to only do the compile when absolutely needed to create execution code.

Even then it may take 2 or 3 compiles to get the errors cleaned up!

To save these extra compiles, consider use Marble's Control/DCD software as a pre-compiler. It is much faster and produces error messages just like the COBOL compile, plus it creates ANALYSIS and DOCUMENTATION that is useful in maintaining a COBOL program.

Besides giving Forward Tracing of Performed Routine, finding PERFORM Errors in a COBOL program and other good features, it also provides unique analysis in PDF format for reading in any mode outside the mainframe or similar same analysis on the mainframe where with one search on any data-name, it shows all activity in the PROCEDURE DIVISION within respective PERFORMED Routines and more. See [Analyzing a COBOL Data Name during maintenance](#) for Analyzing a COBOL Data Name during maintenance.

Want to know more? Contact us today. Call 1-800-252-1400 ext. #4 or send an email to sales@marblecomputer.com