

Programming COBOL-85 extensions and COBOL-89 for independent platforms

This course describes and explains the features now available in COBOL-89. It includes a separate COBOL-85 (COBOL-II) topic for those delegates not familiar with the extensions, and full details of Intrinsic Functions that were added for those platforms that support them.

Audience

The course is ideal for COBOL programmers who have no or very little experience of COBOL-85 or will be working with a compiler that supports COBOL-89.

Prerequisites

All delegates attending this course should be **experienced** COBOL programmers.

Duration

2 days (3 days if the **Debugging** topic is included), hands-on.

Course objectives

On completion of this course, students can:

- describe and use the COBOL-85 (ANSI-85) extensions
- describe and use the COBOL-89 (ANSI-89) enhancements
- describe the compile options available
- understand and make effective use of Intrinsic Functions
- be aware of the *callable* services

Course contents

COBOL-85 extensions

- EVALUATE
- INITIALIZE
- SET
- In-line PERFORM
- Scope delimiters
- Sub-strings
- Miscellaneous changes
- CALLing external programs and passing data
- Differences to ANSI-74 standard

COBOL-89 enhancements

- 31-bit addressability
- Memory
- Compiler enhancements
- Compile options
- CBL, PROCESS
- *CBL, *CONTROL
- TITLE

Intrinsic Functions

- Date functions
- Character functions
- Numeric functions

Callable Services

- New Subroutines

Debugging

- Dumps and abends
- Handling program run-time errors