Debugging with TraceMaster

Training Course Synopsis

CONFIDENTIAL

Debugging with TraceMaster

Course Overview
This one or two-day course provides an introduction to using TraceMaster as a tool for testing, debugging and analyzing z/OS, CICS and IMS application programs.

The course is a mixture of lectures to explain the concepts, demonstrations to illustrate how TraceMaster works and hands-on exercises to consolidate the information.

Course Objectives
On successful completion of the course, students will be able to:

- Invoke a TraceMaster session in TSO foreground, background and cross-region
- Test, debug and analyse COBOL(or Assembler or PL/1) programs using TraceMaster
- Make effective use of TraceMaster reference documentation
- If desired, set up trace sessions for CICS, IMS/DC, IMS BTS and other IMS application programs
- If desired, set up trace sessions for Db2 Stored Procedures

Course Topics
Day one
- How TraceMaster works
- Using TraceMaster to debug batch COBOL (or Assembler or PL/1) programs, using Eclipse, web browser or 3270 interface
- Updating test profiles
- Debugging subroutines
- Set up traces in foreground and background

Day two (optional)
- Set up TraceMaster traces under CICS
- Set up TraceMaster traces with IMS applications
- Set up TraceMaster traces for Db2 Stored Procedures

Target Audience
This course is intended for mainframe application development staff working in support, maintenance or development roles.

Course Prerequisites

- Students should have experience of application programming in a z/OS environment
- Knowledge about using ISPF is an advantage but not essential
- Prior exposure to debugging tools is also an advantage but is not essential
- No pre-reading is required but participants can visit the Macro 4 website at http://www.macro4.com for a general introduction to the company and its products.

Location
Courses can be run at customer sites or in Macro 4 offices.