
IBM Fault Analyzer Mentor Workshop

Overview:

Learn to use Fault Analyzer to diagnose application abends. An experienced IBM consultant will provide in-depth lecture and lead discussion. Hands-on lab exercises may be performed to gain experience using Fault Analyzer on your system.

Skills Taught:

- Understand the functions provided by Fault Analyzer
- Use reports and interactive reanalysis to quickly find information captured by Fault Analyzer needed to diagnose abends
- Apply program source information to captured abend data to pinpoint an abending program statement and view program variables

Course Outline:

- Introduction
- Overview of Fault Analyzer configuration and abend processing
- Using the real-time fault (abend) analysis report
- Using the online interface
- Using the Interactive Reanalysis feature
 - An example of using Fault Analyzer to perform root-cause abend analysis
 - Program source mapping during reanalysis
- Compiling programs for use with Fault Analyzer
- CICS, DB2, and IMS Support
- Working with fault entries and fault history files
- Interactive reanalysis advanced topics
- Controlling Fault Analyzer options
- Performing reanalysis with a batch utility
- Using the web browser interface
- Using the Eclipse interface
 - Setting up connections and credentials for the Eclipse plug-in
 - Using the Fault Analyzer Eclipse plug-in to examine fault entries
- Hints and tips

Training duration:

4 hours

Prerequisites:

To get the most from this workshop, you should:

- Be familiar with application development processes on a z/OS system

- Be able to write a program in at least one of: COBOL, PLI, C, or Assembler
- Be able to compile a program and read and understand a compiler listing
- Know how to modify JCL, submit a batch job, and view its output