

CICS Application Debugging Workshop

Abstract

This workshop demonstrates how easy it is to debug vanilla CICS transaction dumps. The goal is to develop the skill to go straight to the problem and solve it by implementing changes to failing applications such that repetitive problems can be eliminated.

Prerequisites

Some experience of working with applications either batch or CICS.

Audience

Programmers, System Programmers and Production Support personnel.

Objectives.

At the end of the course the student should have a good understanding of the structure of CICS and be able to:

- Gather State Data from failing applications using both online and offline vanilla tools.
- Solve ASRA and AICA transaction dumps in particular.
- Discuss the issues related to Storage Violations and Transaction Isolation.

Topics covered in this course include:

- Introduction to CICS debugging data and tools such as Debug Tool and CEDX/F
- Walkthrough a typical dump (ASRA)
- The technique of solving CICS transaction dumps
- Storage Violation issues
- Program CALL and LINK issues

- The student will be expected to solve the following transaction dumps:

ASRA

AEIL

AEYH

AICA

ASRA (more complex)

Course Duration

2 days