NOMAD Application Development

I270

Environment

MVS or VM/CMS

Audience

This course is designed to introduce mainframe NOMAD procedural syntax to users or application developers who will be building or maintaining NOMAD applications.

Format

Lecture/Workshop - 2 days

Prerequisites

- B200 Intro to NOMAD for VM and MVS

- B210 Intro to Reporting for VM and MVS

- I201 NOMAD Database Structures

Course Summary

This course introduces mainframe NOMAD syntax and coding techniques through a structured workshop. Students concentrate on coding an application, utilizing each concept as it is introduced.

Objectives

Upon completion of this course, the student will be able to perform the following tasks:

- Control procedural translation using directive commands

- Direct application flow within and between procedures

- Build procedures that accept user input for menus and database update

- Effectively use NOMAD's database management syntax

- Use event-triggered processing and in-line code to handle error conditions

- Program functionkeys

- Test and debug at an application or procedural level

- Perform symbolic substitution

- Write maintainable, efficient NOMAD procedures

Outline

The NOMAD Application Programming course is presented as a series of short lectures followed by one or more exercises that provide hands-on experience with the topic. There are a total of twelve exercises over the two-day course that cover the following topics:

- NOMAD concepts and usage

- Controlling translation

- Controlling procedural execution

- Loading and updating NOMAD databases from external files

- Interactive database maintenance

- Programming functionkeys

- Error handling

- Utilizing NOMAD functions in procedures

- Symbolic substitution

- Testing and debugging techniques

- Writing readable, maintainable applications