

## CA Endeavor SCM: Advanced Processor Writing & Advanced Topics 300

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### Course Summary

#### Description

The CA Endeavor SCM: Advanced Processor Writing & Advanced Topics 300 course teaches you how to use symbolics and utilities to create and modify processors. The course also provides sample processors for you to customize and use in your CA Endeavor SCM installation.

#### Objectives

By the end of this course, students will be able to:

- Extend your knowledge of Endeavor processors.
- Use additional processor utilities.
- Develop standards for writing processors.
- Extend use of keywords.
- Describe purpose and benefits of using symbolics and substrings.
- Discuss the control of Processor flow

#### Topics

- Overview
- Processor Utilities
- Endeavor Keywords
- Symbolics and Substringing
- Additional Utilities
- ACM Processor Utilities
- Processor Debugging and Maintenance
- Complex Processing

#### Audience

- Change Control Administrators
- Tester
- QA
- Operations
- Package processors who must know new features
- Roles that create or modify Processors

#### Prerequisite

- AllFusion Endeavor Change Manager: For Change Control Administrators
- Three months experience writing basic CA Endeavor Software Change Manager processors
- Knowledge of JCL and OS Utilities

#### Duration

Three Days

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### Course Outline

#### I. *Overview*

- A. Define Processor concepts
- B. Identify Processors invoked by Action
- C. Classify Processors into Processor Groups

#### II. Processor Utilities

- A. Learn to use the following utilities:
  - 1. BC1PDSIN
  - 2. BSTCOPY
  - 3. CONLIST
  - 4. CONRELE
  - 5. CONDELE
  - 6. CONWRITE
  - 7. CONWIN

#### III. *Endeavor Keywords*

- A. Learn to use the following Endeavor keywords:
  - 1. MAXRC
  - 2. FOOTPRNT
  - 3. BACKOUT
  - 4. MONITOR
  - 5. EXECIF
  - 6. ALLOC
  - 7. ALTID

#### IV. *Symbolics and Substringing*

- A. Describe symbolics and their use
- B. Override and resolve symbolics
- C. Use symbolic sub-stringing
- D. Control Processor flow
- E. Use Autogen
- F. Use Virtual Inventory

#### V. *Additional Utilities*

- A. Learn to use the following Endeavor utilities when creating processors:
  - 1. Extended CONWRITE
  - 2. C1BM3000
  - 3. BC1PTMP0 / IKJEFT01
  - 4. C1PRMGEN
  - 5. ENUSSUTL
  - 6. CONPARMX
  - 7. CONAPI
  - 8. Web Services

#### VI. *ACM Processor Utilities*

- A. Use ACMQ
- B. Use ACM utilities in a processor:
  - 1. CONRELE
  - 2. CONSCAN
- C. Use Quick Edit

#### VII. *Processor Debugging and Maintenance*

- A. Debug processors
- B. Test processors
- C. Tune processors using:
  - 1. Symbolics
  - 2. Modular processors
  - 3. Appropriate utilities

#### VIII. *Complex Processing*

- A. Explain DB2 processing in a processor
- B. Describe and use custom utilities
- C. Describe and use vendor utilities
- D. Enable processor extensions