

Unicenter CA-OPS/MVS Event Management and Automation: REXX Automation

Course Summary

Description

The Creating Automation with OPS/REXX course prepares you to write automation rules by exploiting the extended functionality of OPS/REXX. The course includes some lecture but you will spend most of your time performing extensive, hands-on OPS/REXX programming exercises.

Objectives

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

- Write and test OPS/REXX programs
- Create functions and subroutines
- Identify and use OPS/REXX functions
- Describe the POI
- Create user interfaces into POI
- Identify the OPS/REXX supported HOST environments
- Describe OPS/REXX SQL

Topics

- OPS/REXX Basics
- User-Written Procedures
- Built-In Functions
- POI Command Processors
- OPS/REXX for Automation

Audience

This course is designed for System Programmers, Operations Personnel and Application Programmers

Prerequisite

- Unicenter CA-OPS/MVS Event
- Management and Automation: Getting Started
- Knowledge of mainframe messages and commands
- Experience with REXX programming

Duration

Three Days

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Course Outline

I. OPS/REXX Basics

- A. What is OPS/REXX?
- B. Executing OPS/REXX - OX
- C. Executing OPS/REXX - OI
- D. Executing OPS/REXX - SYSEXEC
- E. OPS/REXX in Batch
- F. OPS/REXX in Batch - Output
- G. REXX Error Messages
- H. OPS/REXX Error Messages
- I. Safe OPS/REXX
- J. OPS/REXX - AOF Rules
- K. Limits on Execution
- L. OPS/REXX Variables
- M. Dynamic and Static Variables
- N. Event-Related Variables
- O. Global Variables
- P. Performance Considerations
- Q. Event-Related Variables

II. User-Written Procedures

- A. User-Written Subroutines
- B. CALL Statement
- C. RETURN Statement
- D. User-Written Functions
- E. Subroutines vs. Functions
- F. Internal and External Procedures
- G. Search Order
- H. Lesson 2 Workshop

III. Built-In Functions

- A. Unsupported REXX Functions
- B. OPS/REXX Functions
- C. DATE()
- D. FIND()
- E. INDEX()
- F. OPSCLEDQ()
- G. OPSDEV()
- H. OPSECURE()
- I. OPSINFO()
- J. OPSLOG()
- K. OPSPRM()
- L. OPSTATUS()
- M. OPSVALUE()
- N. Lesson 3 Workshop

IV. POI Command Processors

- A. Issuing POIs

- B. POI Command Processors
- C. OPSCMD
- D. OPSEEXEC
- E. OPSIMEX
- F. OPSPARM
- G. OPSREQ
- H. OPSWTO
- I. Lesson 4 Workshop

V. OPS/REXX for Automation

- A. Host Environments
- B. ADDRESS OPER
- C. Multiline WTO
- D. MSG Rule Return Values
- E. CMD Rule Return Values
- F. CMD Rule Example
- G. TOD Rule Example
- H. REQ Rule Example
- I. GLV Rule
- J. OSF Rule
- K. ADDRESS OSF Example
- L. ADDRESS AOF
- M. ADDRESS AOF Example
- N. Lesson 5 Workshop