Introduction to IBM Z NetView Pipes

Course Summary

Description

This course is designed to give the student a basic knowledge of using IBM Z NetView Pipes for z/OS Pipelines in REXX for NetView programs. The student will learn the pipeline concepts and how to code pipelines in REXX programs. The instructor led presentation is reinforced through hands-on labs

Topics

- Introduction to NetView Pipelines and basic concepts
  - Troubleshooting and debugging Pipelines
- Pipeline Stages and Syntax
  - Pipeline Output & Logging
  - Pipeline Filters
  - Data Manipulation
  - Pipeline I/O with files and variables
  - Accessing VSAM files with pipelines and REXX
  - Pipeline Application Interfaces (MVS, VTAM, etc.)

Audience

This course is designed for NetView administrators and systems programmers working in the z/OS environment.

Prerequisites

Basic knowledge of IBM Z NetView Pipes for z/OS and REXX programming in NetView are required.

Duration

Twos day

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Course Outline

I. Introduction and Concepts
- A. Programming Conventions & Limitations for NetView
- B. NetView Address Environments
- C. NetView Command Processors
- D. Selected NetView Functions
- E. What is a Pipeline
  1. What are Pipeline Stages
  2. Pipeline Processing Concepts
- F. Pipeline Help
- G. NetView PIPE Command
- H. Troubleshooting Pipelines
  1. Understanding Error Messages
  2. Tracing Pipelines

II. Stages and Syntax
- A. Output & Logging Stages
  1. CONSOLE
  2. LOGTO
  3. COLOR
  4. SAFE
- B. LITERAL
  1. Filtering Stages
  2. CASEI
  3. COLLECT
  4. DROP
  5. HOLE
  6. LOCATE
  7. NLOCATE
  8. NOT
  9. PICK
  10. REVERSE
  11. SEPARATE
  12. TOSTRING
  13. TAKE
  14. VERIFY
- C. Data Manipulation Stages
  1. CHANGE
  2. CHOP
  3. DELDUPES
  4. EDIT
  5. JOINCONT
  6. SORT
  7. SPLIT
  8. STRIP
  9. SUBSYMD.
- D. Input/Output Stages
  1. STEM, $STEM
  2. VAR, $VAR
  3. VARLOAD
  4. MEMLIST
  5. QSAM, < and >
- E. Accessing VSAM Key Sequenced Data Sets
  1. NETV DSIVSMX and NETV DSIVSAM
- F. Command Stages
  1. MVS
  2. NETVIEW
  3. TSO
  4. UNIX
  5. VTAM
- G. NetView Specific Command Stages
  1. HELDMSG
  2. CORRCMD
  3. CORRWAIT

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