

Introduction to Tivoli NetView Pipes

Course Summary

Description

This course is designed to give the student a basic knowledge of using Tivoli NetView 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 Tivoli NetView for z/OS and REXX programming in NetView are required.

Duration

One day

Introduction to Tivoli NetView Pipes

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