

Easytrieve Plus Introduction

CDT400

This seminar makes extensive use of hands-on examples and exercises to familiarize the student with the fundamentals of Easytrieve Plus programming. Upon completion of this course the student will be able to write programs to produce extract files and standard reports.

Audience

- Programmers and non-programmers who will use Easytrieve to produce extract files and standard reports.

Prerequisites

- Experience with TSO/ISPF required.
- Experience with JCL is recommended but not required.
- Experience with SDSF or IOF is recommended but not required.

Course Length

- Two Days

Learning Objectives

- To understand the structure of an Easytrieve program.
- To be able to define input and output files in Easytrieve.
- To be able to produce extract files using Easytrieve.
- To be able to produce standard reports using Easytrieve.

Teaching Methods

- Hands-on examples
- Supplemental hands-on exercises

Course Outline

QG1

JCL Requirements

- Program instructions
- Messages and reports
- Input files
- Output files
- SDSF review

Data Definition

- FILE statement
- Working storage
- Field definition
- VALUE
- About decimal places
- About MASK

Creating Reports

- REPORT statement
- LINE statement
- LINESIZE
- Heading options
- TITLE statement
- Line item totaling
- Column totals (SUM)
- Subtotals (CONTROL)
- DTLCTL statement
- SUMCTL statement
- SEQUENCE statement
- Printing selected records only (IF)
- Producing multiple reports

Creating Output Files

- Copy all records
- Cautions about LRECL and BLKSIZE
- PUT...FROM vs. MOVE + PUT
- Calculated fields
- MOVE statement; MOVE LIKE
- Caution: MOVE vs. Assignment
- Name qualification
- Field conversion (packed, binary, etc.)
- PERFORM; PROC...END-PROC
- START PROC and FINISH PROC
- UNIQUE, DUPLICATE, FIRST-DUP and LAST-DUP
- Multiple output files