

# Easytrieve Plus Advanced

CDT405

This second course in CA-Easytrieve Plus programming makes extensive use of hands-on examples and exercises to increase the students' proficiency with Easytrieve. Upon completion of this course the student will be able to write more sophisticated programs which include programmer controlled file I/O, tables, macros, VSAM file processing, and (optionally) access to DB2 databases.

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## Audience

- Novice or intermediate users of Easytrieve who desire to know more about this product.

## Prerequisites

- Some experience with TSO/ISPF, JCL, and Easytrieve is required.

## Course Length

- Two days

## Learning Objectives

- To write Easytrieve programs utilizing programmer controlled file I/O.
- To write Easytrieve programs which include table processing.
- To write Easytrieve programs which make use of the languages macro capabilities.
- To write Easytrieve programs which VSAM files.
- (Optionally) To write Easytrieve programs to access DB2 databases.

## Teaching Methods

- Hands-on examples
  - Supplemental hands-on exercises
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## Course Outline

PFO

### Summary File

### Summary Report

### SORT Statement

### Programmer Controlled I/O

- GET statement
- EOF test
- MOVE statement reviewed
- PUT statement

### Advanced Reporting Techniques

- BEFORE-BREAK
- AFTER-BREAK
- BEFORE-LINE
- AFTER-LINE

### Tables

- Table definition
- Table search

### Macros

- Why macros?
- MSTART statement
- MACRO statement
- MEND statement

### VSAM File Processing

- POINT statement
- READ statement
- WRITE statement
- FILE-STATUS System Variable
- JCL considerations

### Accessing DB2 Databases

- PARM DB2SSID
- Embedded SQL
- SQL Code
- JCL considerations