



■ Corder Enterprises International ■



Building World Class MIS Teams, for you!

CA002 - AWK Programming

Course Description:

The objective of this course is to develop the programming skills required to write applications using the awk programming language.

Audience:

Unix system application developers, administrators, and advanced users.

Prerequisites:

The ability to write programs in a high level language (such as C or shell) is very helpful in completing the lab exercises and understanding the lectures. A good working knowledge of the UNIX environment is necessary.

Course Contents

Introduction to awk

- What is awk and Why?
- How awk Programs Work
- Running awk Programs
- Examples

awk Patterns

- Summary and Patterns
- BEGIN and END
- Expressions
- String-Matching Patterns
- Extended REs in awk
- Range Patterns

CA002 - AWK Programming

awk Actions

- Summary of Statements
- Expressions
- Operators
- Flow Control
- More Flow Control
- The next, break, continue, and exit statements
- Built-in Variables

awk Input and Output

- Formatted Output with printf
- Output into Files
- Output into Pipes
- Input Separators
- Multi-Line Records
- The getline Function
- More getline
- Command Line Parameters

awk Functions

- Built-In Arithmetic Functions
- Built-In String Functions
- More String Functions
- User Defined Functions
- Local Variables

awk Arrays

- Arrays
- Associative Arrays
- The Array for Statement
- The Array in Operator
- Deleting Array Elements
- The Split Function
- Multi-Dimensional Arrays
- Command Line Parameter Passing