



TCL Scripting

Course Overview:

dridhOn one of the best TCL training institutes in Bangalore will aid you in becoming a proficient TCL scripting programmer. You will master all the aspects of the TCL scripting language. This TCL scripting certification course will make you in better understanding of the topics like data types, variables, operating files, error handling, and regular expressions of TCL programming. We also make you solve complex real-world examples that make it beneficial for you in working in top companies. This TCL programming certificate is approved in almost all large organizations in the world that are hiring TCL programmer and this TCL certificate helps in your career growth effortlessly.

Training Features:

- 8X higher interaction in live online classes conducted by industry experts
- 32 Hrs. live Classes of TCL Developer with Interview Preparation
- 3 real-time industry projects with hands-on preparation
- Unlimited Interview Opportunities with Placement Support
- Industry-recognized course completion certificate

Delivery Mode:

- Online Live Virtual Instructor Led Training

Target Audience:

The Basic Requirement to start a career as a TCL Developer, you'll need a Bachelor's degree or at least 1+ years of experience in Information Technology (IT). A Bachelor's degree in Technology justice will help you get the job.

Key Learning Outcomes:

The ability to do something well expertise.

- Started With TCLSH TCL language Syntax
- Simple Variables and the set Commands
- Arrays
- The INCR and Append Commands
- Numeric Operands
- Strings and loops manipulation
- Operating the files
- Regular expressions

Certification Details:

- Complete at least 85 percent of the course or attend one complete batch
- Successful completion and evaluation of the project



Curriculum

Introduction:

- The TCLSH
- Overview of TCL & Tk
- Getting Started With TCLSH TCL language Syntax
- Scripts, Commands and Words
- Evaluating a Command
- Variable Substitution
- Command Substitution
- Backslash Substitution
- Quoting with Double-Quotes
- Quoting with Braces
- Comments
- Normal and Exceptional Returns
- More on Substitutions Variables
- Simple Variables and the set Commands
- Arrays
- Variable Substitution
- Removing Variable: Unset
- Multi-Dimensional Arrays
- The INCR and Append Commands
- Preview of other Variable Facility
- Numeric Operands
- Operators and Precedence
- Math Functions
- Substitutions
- String Manipulation
- Types and Conversions
- Precision lists
- Basic list structure and the Lindex Commands
- Creating Lists: Concat, List, and length
- Modifying Lists LINSERT, REPLACE, RANGE, AND APPEND
- Searching Lists: LSearch
- Sorting Lists: LSORT
- Converting Between Strings and Lists: SPLIT AND JOIN
- Lists and Commands

Control Flow:

- The IF Command
- Looping Commands: WHILE, FOR, AND FOREACH
- Loop Control: BREAK AND CONTINUE
- The Switch Command
- Eval
- Executing From Files: Source 68 Procedures
- Procedures Basics: Proc and return
- Local and Global Variables
- Defaults and Variables numbers of arguments
- Call by Reference: Upvar
- Creating new Control Structures: uplevel Searching of a Pattern Exception Errors
- The SH Process
- What happens after an error
- Generating Errors From TCL SCRIPTS
- Trapping Errors with catch
- Exceptions in general String Manipulation
- Two-Way Communication Commands
- Glob-Style Pattern Matching
- Pattern Matching with Regular
- Using regular Expressions for substitution
- Generating Strings with Format
- Parsing Strings with Scan
- Extracting Characters: Strings index and string length
- Searching and Comparison
- Length, case Conversion, and Trimming accessible files
- System variables
- The Script Executed during Login time
- File names
- Basic File I/O
- Output Buffering
- Random Access to Files
- The current Working Directory
- Manipulating File names: Glob and Files
- File Information Commands
- Errors in System Calls Processes
- Invoking Subprocesses with EXEC

I/O To And From A Command Pipeline:

- Processes
- Environment Variables
- Terminating the Tcl Process with Exitshell variables managing TCL
- Querying the elements of an array
- The info command
- Information about variables
- Information about Procedures
- Information about Commands
- TCLversion and Library
- Timing Command Execution
- Tracing Operations on Variables
- Renaming and deleting commands
- Unknown Commands
- Auto-Loading