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Date: 04/22/03	Prepared: Alona Sapon	Approved: RST	Description: IVR Learning Product Description

CTADE Training Description



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Course Description

The course focuses on building telephony application using CTADE VOS Language. It also tackles the proper way of integrating the applications to Visual Basic or Visual C++ using the NetHub Plus ActiveX Control.

Course Objectives

This is a five-day training course. Upon completion of this training, the qualified trainee should be able to build a call application using the CTADE VOS Language and NetHub Plus ActiveX Control.

Target Audience

The intended audiences are systems engineers and programmers who want to learn a new language for building reliable computer telephony applications.

Prerequisites

The trainees are expected to have the basic programming skills. Experience in Visual Basic and C++ programming is needed on programming using NetHub Plus ActiveX Control.

Benefits:

1. Free Courseware
2. Completion Certificate
3. Technical laboratory usage anytime during the course period.

Course Outline

I. General Overview

- A. Introduction
- B. CTADE Graphical Overview
- C. Hardware and Software Requirements
- D. Supported Telephony Technologies

II. The Graphical VOS

- A. Graphical VOS Overview
 - i. FlowCharter
 - ii. Editor
 - iii. VOS Runtime Engine
 - iv. VOS Compiler
 - v. Debugger
 - vi. SimPhone
- B. Graphical VOS Project
 - i. Files in a Project
 - ii. Files Automatically Included in a Project
- C. Trunk Configuration
 - i. Fixed Phone Number Assignment



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- ii. DNIS Phone Number Assignment
- iii. ANI Phone Number Assignment

D. VOS Settings File Editor

III. The VOS Language

A. VOS Program Organization

B. Identifiers

C. Values

- i. Numerical Values
- ii. Logical Values
- iii. Date Values
- iv. Time Values
- v. Decimal and Floating Point Values

D. Operators

- i. Comparison Operators
- ii. Numerical Expressions

E. Variables

F. Constants

G. Arrays

H. Backward Single Quote

I. Statements

J. Comments

K. Functions

- i. User-defined Functions
- ii. RLL Functions
 - a. ADORLL Functions
- iii. Built-in Functions
 - a. String Functions
 - b. Trunk Functions
 - c. Media Functions
 - d. Fax Functions
 - e. Conference Functions
 - f. Serial Port Functions
 - g. Database Functions
 - h. Video Functions
 - i. Keyboard Functions
 - j. Semaphore Functions
 - k. Global Variable Functions
 - l. Group Functions
 - m. Message Functions
 - n. Date and Time Functions
 - o. File and Directory Functions
 - p. Buffer Functions
 - q. Routing Functions

L. RegIDs



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- i. Getting the Values of RegIDs
- ii. Setting the Values of ReIDs

IV. Topaz Profile

- A. Introduction
- B. The topazprofile.exe
 - i. Scanning telephony hardwares
 - ii. Merging additional information
 - iii. Deleting information
 - iv. Viewing information

V. Programming with NetHub Plus

- A. Overview
- B. Installation and System Requirements
- C. Instances
- D. Messages
- E. Semaphores
- F. Shared Net Variables

VI. Creating RLL Using C++

VII. Question and Answer Session

VIII. Application Workshop

Training Schedule for June and July 2003

June	Specific Dates
	June 2-6
	June 16-20
	June 23-27
July	Specific Dates
	July 7-11
	July 14-18
	July 21-25

Nearest Hotel Accommodation

1. Oakwood Hotel (+632 729 8888) = \$128/night on Studio Room Type.
2. Chartered House (+632 817 6001) = \$33/night on Single Room Type.

Note: Rates are subject to change. It would be convenient for the trainee to arrive a day or two before the actual training date.

Training Fee:

To be discussed with Mr. Ramon Torres, Diavox - CEO.