OUTLINE

DELPHI 2010: DELPHI INTERNET TECHNOLOGIES

This seminar covers Delphi Internet technologies, and shows you how to make new or existing applications available on an intranet or the Internet. It begins by providing an understanding of Internet-related technologies and protocols. It continues with a detailed examination of the client/server interaction of the Web, and the role that HTML plays in the building of browser-based user interfaces. This all leads up to the core content of this seminar - creating Web server extensions using Web Broker. Finally, this seminar covers IntraWeb, which is also called VCL for the Web. Learn how to build interactive Web sites the Delphi way.

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COURSE INCLUDES A COURSE BOOK PLUS ALL CODE EXAMPLES PRESENTED ALONG WITH ADDITIONAL CODE EXAMPLES.

DELPHI INTERNET TECHNOLOGIES

OVERVIEW OF INTERNET TECHNOLOGIES

OVERVIEW OF INTERNET PROTOCOLS, LANGUAGES, AND TECHNOLOGIES

TCP/IP
Sockets
SGML
HTML
XML
DOM
FTP
HTTP
MIME
REST
World Wide Web
Web Servers
Web Browsers
Scripting Languages
Cascading Style Sheets
CGI, Win-CGI, ISAPI, and Servlets
ASPs and JSPs
ActiveX Servers and Applets

ASP.NET

DCOM, CORBA, Enterprise JavaBeans (EJBs), and Remote Method Invocation

Web Services and SOAP

Web Services and REST

CREATING WEB SERVER EXTENSIONS USING WEB BROKER

OVERVIEW OF WEB SERVER EXTENSIONS AND WEB BROKER

A Simple Overview of Web Interactions

HTTP Method Request Types

SUBMITTING DATA TO WEB SERVER EXTENSIONS USING HTML

The Image Tag

The Anchor Tag

The <Form> Tag

Types of Web Servers

CREATING AN ISAPI WEB SERVER EXTENSION

DEFINING WebActionItems

CREATING AN ACTION'S RESPONSE

USING MULTIPLE ACTIONS

RELEASING DLLS

PRODUCERS AND HTML

A Producer's HTMLFile Property

Producers and HTML Templates

Transparent Tags and Server Portability

SERVING DATABASE INFORMATION

CALLING YOUR SERVER FROM AN HTML FORM

COOKIES AND THE TWebRequest Object

Using Cookies

SESSION COOKIES

The TWebRequest Contents

FORMATTING CELLS IN TABLEPRODUCER COMPONENTS

DataSetPageProducer

GETTING HTML Form Fields from a POST

ACCESSING GRAPHICS FROM A DATABASE

CONVERTING FROM ONE SERVER TYPE TO ANOTHER

Converting to a Web App Debugger Executable

DEBUGGING A WEB SERVER EXTENSION

DEPLOYING WEBSNAP APPLICATIONS

INTRAWEB (VCL FOR THE WEB)
APPLICATION MODE WEB APPLICATIONS

CREATING AN INTRAWEB PROJECT

FILES CREATED BY THE VCL FOR THE WEB APPLICATION WIZARD

*The Project Source*

*The Server Controller*

*The Main Form*

WEB PAGE DESIGN USING INTRAWEB

INTRAWEB COMPONENTS

LAYOUT MANAGERS

*The IWLayoutMgrForm Layout Manager*

*The IWTemplateProcessorHTML Layout Manager*

MORE ABOUT APPLICATION MODE

*Stand-Alone Servers*

SERVICE APPLICATIONS

*ISAPI Applications*

SERVER CONTROLLERS

UNDERSTANDING SESSIONS

SESSION LIFECYCLE

*Session Timeout*