

OUTLINE

DELPHI INTERFACES AND COM

CARY JENSEN, PH.D.

COPYRIGHT 1997-2004. CARY JENSEN. JENSEN DATA SYSTEMS, INC.
ALL RIGHTS RESERVED.
JENSEN DATA SYSTEMS, INC.
HTTP://WWW.JENSEN DATASYSTEMS.COM
PHONE: 281-359-3311
EMAIL: INFO@JENSEN DATASYSTEMS.COM

DELPHI INTERFACES AND COM

UNDERSTANDING INTERFACES.....

WHAT IS AN INTERFACE?.....
WHY INTERFACES?.....
DECLARING AN INTERFACE

IMPLEMENTING INTERFACES

INTERFACES AND METHOD RESOLUTION

INTERFACE IMPLEMENTATION BY DELEGATION

Comments on Interface Implementation by Delegation.....

A REAL-WORLD INTERFACE EXAMPLE IDATAPUMP

CREATING AUTOMATION SERVERS.....

OVERVIEW OF AUTOMATION.....

CREATING AUTOMATION SERVERS IN DELPHI.....

Out-of-Process Server Instancing.....

Threading Models

AN AUTOMATION SERVER EXAMPLE.....

COM SERVERS AND THE USER INTERFACE.....

USING AN AUTOMATION SERVER.....

Declaring a Variant for Use with a Server

Opening the Server.....

Controlling an Automation Server.....

Releasing the Server.....

EARLY BINDING USING INTERFACES

CREATING IN-PROCESS SERVERS

IMPORTING TYPE LIBRARIES.....

CREATING A COMPONENT FROM A COM SERVER.....

Installing a COM Server Component Wrapper

Using a Component Wrapper

CREATING ACTIVE X SERVERS

BASIC ACTIVE X CONTROL CREATION IN DELPHI.....

CREATING PROPERTY PAGES.....

REGISTERING AN ACTIVE X CONTROL.....

INSTALLING ACTIVE X CONTROLS IN DELPHI

USING ACTIVE X CONTROLS IN WEB PAGES.....

BUILDING ACTIVE FORMS.....

USING THE ACTIVEFORM WIZARD.....
DEPLOYING AN ACTIVEFORM.....

ADVANCED COM TOPICS.....

CREATING DATA-BOUND ACTIVEX CONTROLS.....
 Data-Bound ActiveX Control Example.....
 Using a Data-Bound ActiveX Control.....
 Enabling Events in COM Servers.....
 Defining Your Own Events.....
 Defining an Event Example.....
ADDING PERSISTENT PROPERTIES TO AN ACTIVEFORM.....
GETTING PARAMETERS FROM AN HTML PAGE.....

MICROSOFT TRANSACTION SERVER (MTS IN WINDOWS NT) AND COM+ APPLICATIONS (WINDOWS 2000 AND LATER).....

EXECUTING MTS OBJECTS IN TRANSACTIONS.....
 Creating Transaction-Supporting MTS Objects.....
 IObjectContext Transaction Methods.....
 Controlling Transactions from a Base Client.....

CREATING SHELL EXTENSIONS

CREATING THE SHELL EXTENSION IN-PROCESS SERVER.....
REGISTERING THE SHELL EXTENSION COM SERVER.....

Borland, the Borland Logo, and Delphi are trademarks or registered trademarks of Borland Software Corporation in the United States and other countries. Other product and company names mentioned herein may be the trademarks of their respective owners

For more information about training, consulting, mentoring or development, please contact Jensen Data Systems, Inc. by phone at 281-359-3311 or by email at info@JensenDataSystems.com.