

Chapter 1 : CoreData: CRUD With Concurrency In Swift - Part 3 - Marco Santa Dev

*Installing Object REXX and the Sample Applications - Chapter 14 Installing Object REXX, DB2 and the Sample Applications * Part 5 Reference Information - Chapter 15 OODialog Method Reference - Chapter 16 WInows Program Manager and Registry - Chapter 17 Object REXX Demonstration Workbench * Appendix A New Features in Object REXX and Migration.*

Click here for a sample chapter for this book: Programming and Language Environments. DB2 Middleware and Connectivity. Database Design and Implementation. Access to DB2 Objects. DB2 Application Development Environment. Delimiting SQL in a Program. Declaring Table and View Definitions. Host Variables and Host Structures. Binding an Application Program. Plan or Package Ownership. Commit, Rollback, and Savepoint. Fetch for Limited Rows. Testing and Debugging Applications. Establishing a Test Environment. Testing and Debugging Stored Procedures. Coding Methods for Distributed Data. Error Handling and Problem Determination. Design Guidelines for Applications. LOB and Extender Usage. Locking Issues and Problems. Application Performance and Optimization. Access Paths and Optimization. Designing Indexes for Performance. Tracing Problems in DB2. Its purpose is to provide guidance for taking the DB2 Application Certification exam. However, it is much more than that. It also contains hints and tips from real-world experience in this environment. Those interested in becoming an IBM Certified Professional will want to review the sample questions at the end of this book. The book is divided into five parts. This information is the foundation on which applications are built in this environment. Understanding these concepts will lead to proper development with the appropriate tools. Structured Query Language Part 2 covers the most robust query language: We then take a more in-depth look at some of the advanced features of the language. Developing Applications This section is the heart of the book in terms of how to code an application in order to communicate with DB2. We first look at how to use SQL in an application program and then how to bind these programs to DB2 in order for them establish access paths to the DB2 data. Some of the additional features of DB2 application programs are examined in terms of how we can use them to make our applications more useful and how to push more work into the DB2 engine. We then look at stored procedures, which provide us not only a way to encapsulate our code, but also a method for reducing traffic across the network. We then examine how to best test and debug applications before they go into production. Finally, we look at how to access distributed data from our DB2 server within our application programs. Advanced Programming Functions In Part 5 we discuss the features of DB2 that support object-relational programming, such as user-defined functions, user-defined data types, and triggers. We also look at important aspects of application performance in terms of how to diagnose and tune problems. This includes looking at explain output and comparing it to available indexes and the SQL coding techniques. Locking and concurrency is also a very important issue, because we have to be able to run several applications at the same time and to get the work through the system in an appropriate amount of time, while keeping the integrity of our data intact. In this section we look at all the options for locking and how to use them for best concurrency. This book can be used as a self-study guide to help you prepare for the DB2 Application Certification exam or simply as a guide to developing applications in a DB2 Universal Database V7.

Open Object REXX, Programming Guide Concurrency Inter-Object Concurrency Intra-Object Concurrency 7. Commands Classes and Inheritance (part 3 of 9)

Procedural Programming Using Subroutines. Stems and Compound Variables. Better Reuse from the OO Approach. Communities of Cooperative Objects. Liberating Objects from Applications. Private and Public Methods. Class and Instance Methods. The Car Dealer Application. The Car Dealer Opportunity. Object Creation and Destruction. Implementation of the Model in Memory. Source Code for Base Class Implementation. Designing the User Interface. Persistent Objects on Disk. Format of the Objects. Implementing the Changes in Code. Using the Resource Workshop. Changing the Dialog Behavior. Implementing a Method for a Push Button. Doing Graphics with OODialog. Summary of User Dialog. Add Service Items Dialog. Persistent Objects in DB2. Storing Objects in DB2. Persistent Methods for DB2 Support. Implementation of DB2 Support. Implementation of Load at Application Start. Using Advanced DB2 Facilities. Multimedia in the Car Dealer Application. Implementing the DB2 Multimedia Support. Breaking an Application into Multiple Files. Overall Car Dealer File Structure. Implementation of Configuration Files. Using the Configuration File. Configuration File for List Routines. Implementation of the Car Dealer Class. Using the Car Dealer Class. Source Code for Configuration Management. Hacurs Connects to the Internet. Hacurs Makes a Plan for the Web. Hacurs Designs a Home Page. Web Car Dealer Application. Web Common Gateway Interface. Customizing the File Organization on the Web Server. Car Dealer Common Interface Program. Multimedia on the Web. Interacting with Web Users. Adding a Web Customer. Car Dealer Home Page. Content of the CD. Installation and Run from the CD. Installation of DB2 Version 2. DB2 Installation on Windows Installing the Car Dealer Application. Prerequisites for the Car Dealer Application. Define the DB2 Database. Define the DB2 Tables. Load the DB2 Tables. Server Setup for Remote Database Access. Client Setup for Remote Database Access. Cataloging the Remote Database. Authorizing Remote Users on the Server. Testing the Remote Database. Running the Car Dealer Application. Running the Car Dealer with a Remote Database. Instance Methods of BaseDialog. Preparing and Running the Dialog. Get and Set Methods. Methods for Window Handles, Sizes, and Positions. Instance Methods of Class UserDialog. OK and Cancel Push Buttons. Instance Methods of Class CategoryDialog. Setting Up the Dialog. Methods for Dialog Items. Standard Dialog Classes and Functions. Windows Program Manager and Registry. Windows Program Manager Class and Methods. Windows Registry Class and Methods. Debugging a Program with the Workbench. Special and Built-In Objects. New and Enhanced Instructions. New and Enhanced Built-In Functions. Utilities for Windows Systems. Car Dealer Source Code. Sample Work Order Data. Sample Service Item Data. Multimedia Data Definition File. Base Work Order Class. Base Service Item Class. Configuration for File Storage. File Work Order Class. File Service Item Class. Configuration for DB2 Storage. DB2 Work Order Class. DB2 Service Item Class. Program to Run the Car Dealer Application. Definition for Syntax Diagram Structure. International Technical Support Organization Publications. Sample Code on the Internet.

Chapter 3 : Object REXX for Windows 95/NT

*Installing Object REXX and the Sample Applications - Chapter 14 Installing Object REXX and the Sample Applications * Part 5 New Features and Syntax in Object REXX - Chapter 15 New Features in Object REXX and Migration * Appendix A Car Dealer Source Code * Appendix B Definition for Syntax Diagram Structure * Index.*

How This Document Is Organized. Introducing the Hacurs Company. Procedural Programming Using Subroutines. Stems and Compound Variables. Better Reuse from the OO Approach. Communities of Cooperative Objects. Liberating Objects from Applications. Private and Public Methods. Class and Instance Methods. The Car Dealer Application. The Car Dealer Opportunity. Object Creation and Destruction. Implementation of the Model in Memory. Source Code for Base Class Implementation. Designing the User Interface. Persistent Objects on Disk. Format of the Objects. Implementing the Changes in Code. Using the Resource Workshop. Changing the Dialog Behavior. Implementing a Method for a Push Button. Doing Graphics with OODialog. Summary of User Dialog. Add Service Items Dialog. Persistent Objects in DB2. Storing Objects in DB2. Persistent Methods for DB2 Support. Implementation of DB2 Support. Implementation of Load at Application Start. Using Advanced DB2 Facilities. Multimedia in the Car Dealer Application. Implementing the DB2 Multimedia Support. Breaking an Application into Multiple Files. Overall Car Dealer File Structure. Implementation of Configuration Files. Using the Configuration File. Configuration File for List Routines. Implementation of the Car Dealer Class. Using the Car Dealer Class. Source Code for Configuration Management. Hacurs Connects to the Internet. Hacurs Makes a Plan for the Web. Hacurs Designs a Home Page. Web Car Dealer Application. Web Common Gateway Interface. Customizing the File Organization on the Web Server. Car Dealer Common Interface Program. Multimedia on the Web. Interacting with Web Users. Adding a Web Customer. Car Dealer Home Page. Content of the CD. Installation and Run from the CD. Installation of DB2 Version 2. DB2 Installation on Windows Installing the Car Dealer Application. Prerequisites for the Car Dealer Application. Define the DB2 Database. Define the DB2 Tables. Load the DB2 Tables. Server Setup for Remote Database Access. Client Setup for Remote Database Access. Cataloging the Remote Database. Authorizing Remote Users on the Server. Testing the Remote Database. Running the Car Dealer Application. Running the Car Dealer with a Remote Database. Instance Methods of BaseDialog. Preparing and Running the Dialog. Get and Set Methods. Methods for Window Handles, Sizes, and Positions. Instance Methods of Class UserDialog. OK and Cancel Push Buttons. Instance Methods of Class CategoryDialog. Setting Up the Dialog. Methods for Dialog Items. Standard Dialog Classes and Functions. Windows Program Manager and Registry. Windows Program Manager Class and Methods. Windows Registry Class and Methods. Debugging a Program with the Workbench. Special and Built-In Objects. New and Enhanced Instructions. New and Enhanced Built-In Functions. Utilities for Windows Systems. Car Dealer Source Code. Sample Work Order Data. Sample Service Item Data. Multimedia Data Definition File. Base Work Order Class. Base Service Item Class. Configuration for File Storage. File Work Order Class. File Service Item Class. Configuration for DB2 Storage. DB2 Work Order Class. DB2 Service Item Class. Program to Run the Car Dealer Application. Definition for Syntax Diagram Structure.

Chapter 4 : Java Concurrency, 2/e [Video]

The Open Object REXX SourceForge Site Message Objects Default Concurrency Classes and Inheritance (part 3 of 9)

Chapter 5 : Visual REXX Faceoff - Part 3 - EDM2

Open Object REXX Reference. Version Edition. Revision 0. October 25, Concurrency Overview of Classes Provided by REXX (part 3 of 7)

Chapter 6 : Object REXX for OS/2 WARP

DOWNLOAD PDF PART 3. OBJECT REXX AND CONCURRENCY

Open Object REXX Brought to you by: erich_st, rvjansen, sahananda, vmrexx.

Chapter 7 : Object REXX for Windows NT and Windows 95

Objects, Design, and Concurrency Part 3: Concurrency Introduction to concurrency Charlie Garrod Bogdan Vasilescu. 2 Administrivia *Homework 5 team sign-up.*

Chapter 8 : Using the JavaFX Concurrency Framework (Collections and Concurrency) Part 3

4 Concurrency vs Parallelism *Concurrency -Doing multiple things in an undefined order -May be done in parallel, sequentially, or interleaved (e.g., multitasking on single core.*

Chapter 9 : DB2® Universal Database for OS/ V Application Certification Guide | InformIT

In Part 2 of this series on concurrency in Swift, learn the two main methods of updating data with CoreData, using background queues.