

Advanced Topics in C#: Data Access

What You Will Learn.....	1
Why Another Data Object Model?	2
Using the Data Form Wizard	3
Using the Data Form Wizard with Microsoft Access Data	3
Using the Data Form Wizard with SQL Server Data	10
Building Forms with Multiple, Related Tables.....	13
Exercise 1	16
Building Data Forms with the Toolbox (SQL Server).....	17
Selecting Records.....	22
Using Calculated Fields to Select Records	23
Simple Binding	23
Data Views.....	25
Exercise 2.....	26
Programming the DataSet Object	27
Creating a DataSet	27
Adding Columns to Tables	28
Adding Tables to the DataSet	29
Adding Rows to Tables.....	29
Binding Controls from Code.....	32
Navigation.....	33
Maintaining Records with a Currency Manager.....	35
Exercise 3.....	36
Primary and Foreign Key Constraints.....	37
Creating a DataRelation.....	38
Exercise 4 (Optional)	40
Connecting to Data Programmatically.....	41
Searching for Data	43
Maintaining Records.....	43
Mapping Table Names.....	45
Exercise 5.....	47
Concurrency Control.....	48
Exercise 6 (Optional)	50
Appendix A: Solutions to Exercises	51