

Appendix A

References

Design Appropriate Data Access Technologies

- Learning ADO.NET
- Learning Microsoft Data Access Components (MDAC)
- Learning SQL Native Client
- Usage Scenarios for SQL Server 2005 Native Web Services
- How to Use the ODBC.NET Managed Provider in Visual Basic.NET and Connection Strings
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- SQL Server OLE DB Programmer's Reference

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- ADO.NET: More than a Matter of ABCs
- Comparison of ADO.NET and ADO

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- Administering a Full-text Search
- An Overview of SQL Server 2005 for the Database Administrator
- Using the USE PLAN Query Hint
- Forcing Query Plans
- Invoke UDFs that Accept Tables with SQL Server 2005's APPLY Operator
- New T-SQL Features in SQL Server 2005, Part 1
- Returning Ranked Results with Microsoft SQL Server 2005
- Optimizing Distributed Queries
- XQuery 1.0: An XML Query Language
- Understanding SQL Server Full-Text Indexing
- Lesson 5 XML Integration with SQL Server 2005

Design Caching Strategies

- ASP.NET Caching
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- ASP.NET Caching: Techniques and Best Practices
- Working with Query Notifications

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- Performance Tuning SQL Server Cursors
- Application Development Trends—The SQL Server 2005 Paradigm Shift
- SQL Server Query Design: 10 Mistakes to Avoid
- The Curse and Blessings of Dynamic SQL
- How to Perform SQL Server Row-by-Row Operations Without Cursors
- Using SQL Server Cursors
- SQL Server Clinic: T-SQL Performance Problems and Solutions

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- SQL Server Analysis Services
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- How To: Synchronize a Pull Subscription (RMO Programming)
- How To: Define an Article (RMO Programming)
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- Multiple Active Result Sets (MARS) in SQL Server 2005
- Asynchronous Command Execution in ADO.NET 2.0
- Asynchronous Command Execution in ADO.NET 2.0

Scale Database Applications

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- Data Partitioning in SQL Server 2005 – Part III
- Use Hardware to Partition Tables Horizontally in SQL
- Scaling Out SQL Server with Data-Dependent Routing
- Microsoft TechNet SQL TechCenter: Scaling Out SQL Server with Data Dependent Routing
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- Scaleable shared databases are supported by SQL Server 2005
- The Database Administrator’s Guide to the SQL Server Database Engine .NET Common Language Runtime Environment
- Managed Data Access Inside SQL Server with ADO.NET and SQLCLR

Resolve Performance Problems

- Troubleshooting Performance Problems in SQL Server 2005
- 10 Baselineing Tips for SQL Server: Lessons From the Field
- Monitoring and Tuning for Performance
- Establishing a Performance Baseline

Manage Concurrency by Selecting the Appropriate Transaction Isolation Levels

- Using Snapshot Isolation

Design Code that Uses Transactions

- The Rational Guide to SQL Server 2005 Service Broker by Roger Wolter (Rational Press, 2006).

Optimize and Tune Queries for Performance

- Creating Indexes on Computed Columns
- Creating Indexed Views

Design Code that Validates Input Data and Permissions

- “Security Functions (Transact-SQL).” In Microsoft SQL Server 2005 Books Online