



SOLIDQ™
AUSTRALIA
NEWS



MAY 2009

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SQL Server

**Advanced T-SQL Querying,
Programming and Tuning for SQL
Server 2005 & 2008**

June 1 – 5, Brisbane

July 6 – July 10, Melbourne

**Writing T-SQL Queries for SQL
Server 2005 and 2008 (NEW)**

May 21 – 22, Sydney

June 8 – 9, Melbourne

August 3 – 4, Brisbane

Business Intelligence

**Microsoft BI Bootcamp: SQL Server
2008, Office System 2007 and
Performance Point Server 2007**

May 25 – 29, Brisbane

July 20 - 24, Perth

May 2009

www.solidq.com.au

TECH FEATURE

Partitioned Table and Index Strategies Using SQL Server 2008

When a database table grows to hundreds of gigabytes or more in size, loading new data, removing old data, and maintaining indexes becomes more difficult. But SQL Server 2008's table partitioning can make very large tables and indexes easier to manage and improve the performance of appropriately filtered queries.

"Partitioned Table and Index Strategies Using SQL Server 2008," a new 65-page white paper by SolidQ's mentors Ron Talmage and tech reviewed by colleagues Greg Low and Herbert Albert, covers strategies for partitioning tables, including the required partition functions and partition schemes. The paper also explores the benefits of partition elimination, partition parallelism, and index partition maintenance and applies these strategies to various partitioning scenarios such as the sliding window scenario, data archiving, and partition consolidation and movement.

[Click here](#) to download the article.

Inside Microsoft SQL Server 2008: T-SQL Querying

In this book, Itzik Ben-Gan (SolidQ's mentor) -- joined by co-authors Steve Kass, Lubor Kollar, and SolidQ's mentor Dejan Sarka -- focuses on set-based querying and query tuning.

T-SQL Querying discusses practical solutions to common problems and gives you polished techniques that will enhance your toolbox, expand your coding vocabulary, and boost your productivity. "SQL is a very powerful language, but I believe only a minority of developers really know how to get the most out of it," writes César Galindo-Legaria, Ph.D., manager of the Microsoft SQL Server Query Optimization Team, in the book's Forward. "Using SQL well can mean code that is 10 times more efficient, more scalable, and more maintainable. *Inside Microsoft SQL Server 2008: T-SQL Querying* tells you how."

Our "Advanced Transact-SQL Querying, Programming and Tuning for SQL Server 2005 & 2008" course enables you to learn more.

[Click here](#) for more information about the book.

July 27 – 31, Brisbane
August 17 – 21, Melbourne

Working with SQL Server 2008 Integration Services (NEW)

Please contact us for upcoming courses

SQLToTheMax Seminars

New Data Types (spatial, filestream, date/time, merge, table-valued parameters)

June 16, Melbourne
June 17, Brisbane
June 18, Sydney
June 19, Perth

High Availability

July 14, Melbourne
July 15, Brisbane
July 16, Sydney
July 17, Perth

Indexing and Query Tuning

August 11, Melbourne
August 12, Sydney
August 13, Brisbane
August 14, Perth

Integration Services

September 22, Melbourne
September 23, Brisbane
September 24, Sydney
September 25, Perth

SQL Server Security

October 13, Melbourne
October 14, Brisbane
October 15, Sydney
October 16, Perth

SQL Server I/O, tempdb and Compression

December 15, Melbourne
December 16, Brisbane

New Training Kit Preps You for BI Exam 70-448

SolidQ's mentors Erik Veerman and Dejan Sarka, along with co-author Teo Lachev, share their business intelligence (BI) expertise in Microsoft Press's new two-in-one self-paced training kit, designed to prepare you for Exam 70-448. The exam is required for the new MCTS: Microsoft SQL Server 2008 - Business Intelligence Implementation and Maintenance certification.

MCTS Self-Paced Training Kit (Exam 70-448): Microsoft® SQL Server® 2008 - Business Intelligence Development and Maintenance includes the official in-depth Microsoft study guide, plus practice tests on CD to help you assess your skills. It also provides real-world scenarios, case study examples, and troubleshooting labs to help you master skills that you can immediately apply on the job. In addition, you get an evaluation version of SQL Server 2008 and an exam discount voucher.

[Click here](#) for more information about the book.

For assistance with any SQL Server Issues please contact us

[ozinfo @solidq.com](mailto:ozinfo@solidq.com) or phone 1300SQLPRO (1300775776)

SPOTLIGHT

Save Time and Money: Add SolidQ mentors to Your Staff for a Week

Short on expertise for effectively implementing and managing SQL Server Integration Services (SSIS)? Don't have the time or advanced skills to do the in-depth SQL Server performance-tuning you want -- or need -- to do? If you're stressed out by time and budget crunches, let SolidQ ease your mind and workload.

We built our new **SSIS Management Framework** and **Performance Analysis and Optimization** services specifically to help you do more with less. Designed to save you costly trial-and-error cycles, our professional services blend expert mentoring with hands-on training. In just 3-10 days, our Mentors bring their vast experience and proven processes to your company, working side-by-side with your staff to quickly resolve problems, identify opportunities, and deliver successful solutions the first time.

Give us a few days, and we'll give you the results you're looking for.

Reusable SSIS Framework Speeds Development and Boosts Performance

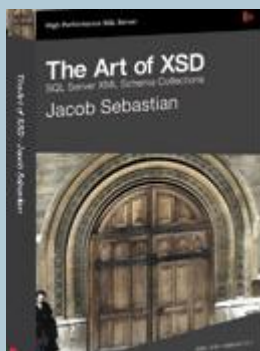
Enough pain. SolidQ's new SSIS Management Framework service gives you the tools you need to **work smarter with SQL Server Integration Services**, showing you how to establish a reusable ETL framework to speed development and improve performance.

The SSIS Management Framework, developed by our industry-leading Business Intelligence experts:

December 17, Sydney
December 18, Perth

For more information or to register for these or other courses, see the **Solid Q™ full course schedule**. Need a different date or to schedule any of our courses as a private class at your premises?
Contact [ozinfo @solidq.com](mailto:ozinfo@solidq.com).

Free eBook The Art of XSD - SQL Server XML Schema Collections



This book will help you learn and use XML Schema collections in SQL Server. Prior knowledge of XSD is not required to start with this book, although any experience with XSD will make your learning process easier. This book starts with the basics of XML schemas and then walks you through everything you need to know in order to build powerful XML schemas in SQL Server.

To download this free ebook
[click here](#).

Events

Melbourne CBD SQL PASS

- **Saves you time and effort**, providing a template package that contains all connections, logging, and configurations so that you don't need to create them from scratch for every package
- **Helps you troubleshoot problems**, providing a common logging location and a set of reports that show exactly when, where, and why a package failed
- **Provides consistent logging and auditing capabilities**, featuring a central database that stores all information and that you can access through one set of reports

Manage Performance *Before* Problems Arise

SolidQ's Performance Analysis and Optimization service helps you **wring the most value from your SQL Server environment**, giving you a deep view into all performance, scalability, and reliability aspects of your SQL Server instances and host servers as well as the I/O subsystem components they use.

We go beyond the typical quick view to **assess the overall health of your entire database infrastructure** including:

- **Analyzing SQL Server internal objects** such as tables, indexes, and queries
- **Investigating your instance's host server** -- including OS and hardware
- **Understanding all key metrics and components** -- including the storage I/O subsystem, waits and queues, and CPU and memory utilization -- to identify current and potential issues or bottlenecks

For assistance with any SQL Server Issues please contact us

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TRAINING & MENTORING

In this tough economy, the complex process of budgeting for technology and training only gets more difficult. SolidQ can help your organization plan to weather these choppy financial waters while keeping your staff trained on the most important technologies.

Advanced Transact-SQL Querying, Programming and Tuning for SQL Server 2005 & 2008

1 – 5 June, 2009 | Brisbane
6 – 10 July , 2009 | Melbourne

The course focuses on writing and tuning queries and programming with T-SQL in SQL Server 2005 and 2008. In this course you will learn the details and capabilities of T-SQL in the following areas: Logical Query Processing; Query Tuning; Subqueries, Ranking Functions, Joins and Set Operations; Aggregating and Pivoting Data; TOP and APPLY; Data Modification; Data Type Related Problems; Programmable Objects (Dynamic SQL, Views, User Defined Functions, Stored Procedures, Triggers, Transactions and Concurrency, Exception Handling); Graphs, Trees and Hierarchies.

The course was developed by Itzik Ben-Gan, a mentor and one of the founders of SolidQ mentor, author of several books about T-SQL, a columnist in SQL Server

Chapter

TSQL Language and Data Type Enhancements

May. 4, Melbourne – Greg Low
at 12:15-2:00pm

Location @ 257 Level 1, 257 Collins Street. Melbourne

In this presentation Greg will provide coverage of the TSQL Language and data type enhancements. He will cover the following topics:

- New Date and Time Data Types
- Table-Valued Parameters
- T-SQL Assign and Increment Operators
- Row Constructors
- Grouping Sets
- MERGE statement
- Dependency Views
- Performance Enhancements

RSVP if you're coming to
[info @ sqldownunder.com](mailto:info@sqldownunder.com)

For more information regarding the location
[click here.](#)

SQL Down Under Podcasts

Powershell for SQL Server

Presenter: Buck Woody

SQL Server product group member Buck Woody discusses Powershell for SQL Server. He also discusses roles within the product group.

To download this free podcast
[click here.](#)

Magazine, and a regular speaker in SQL Server related events.

Writing T-SQL Queries for SQL Server 2005 and 2008

21 – 22 May, 2009 | Sydney
8 – 9 June, 2009 | Melbourne
3 – 4 August, 2009 | Brisbane

This two day course is designed to provide coverage of the core skills involved in querying SQL Server using the T-SQL language. These are important skills for developers, DBAs and for those needing to write reports using SQL Server.

The course covers material applicable to both SQL Server 2005 and 2008 and enhancements only available in 2008 are clearly identified.

Microsoft BI Bootcamp: SQL Server 2008, Office System 2007 and Performance Point Server 2007

25 – 29 May, 2009 | Brisbane
20 – 24 July, 2009 | Perth
27 – 31 July, 2009 | Brisbane
17 – 21 August, 2009 | Melbourne

Business intelligence solutions provide the infrastructure that enables people at all levels of a business to make better decisions based on more accurate and up-to-date information. This workshop focuses on the teaching IT professionals the best practices and skills required to successfully design, build, deploy, and operate a business intelligence solution using SQL Server 2008. This course is also directly useful for those working with SQL Server 2005.

Working with SQL Server 2008 Integration Services

Please contact us about upcoming courses

Data processing often consumes the largest portion of effort in business intelligence solutions. Having the skills to design and develop efficient and manageable extraction, transformation, and loading (ETL) processes will yield tremendous savings in time and ongoing support in any business intelligence environment. This workshop focuses on the teaching IT professionals the best practices and skills required to successfully design, build, deploy, and operate ETL processes using SQL Server 2008 Integration Services (SSIS).

SQLToTheMax Intense One-Day Deep Dive Seminars

Now is the time to maximise your investment in SQL Server. Our SQLToTheMax one-day seminar series is economical, to the point and in-depth. We're taking these seminars to the road and coming to a location near you, once per month!

[Click here](#) to learn more about any of these seminars.

[Click here](#) to learn more about any of these courses.
And contact [ozinfo @solidq.com](mailto:ozinfo@solidq.com) for scheduling information.

Bookings: [Download Booking Form](#) or phone 1-300-SQLPRO (1300775776)

Get to know our mentors

News

TechEd USA

SolidQ will again be well represented amongst the speakers at TechEd USA in Los Angeles in May.

Local mentor Greg Low has been selected to present his session on "Answering the queries your users really want to ask, with Full Text Search in Microsoft SQL Server 2008".

Other SolidQ mentors who will be presenting include: Peter Myers, Itzik Ben-Gan and Allan Hirt.

Greg Low was chosen as one of a handful of international trainers to deliver the new Microsoft Certified Masters technical training for SQL Server 2008.

Greg is currently only one of a handful of people worldwide that have completed this certification.

Bryan Oliver: Pitfalls of Log Shipping



SolidQ's mentor Bryan Oliver talks about common incorrect assumptions about Log Shipping. He then talks about what log shipping is and when you would use log shipping. What are some of the problems DBAs face?

[Read the blog](#)

HOT LINKS

[Blog: Greg Low, "Timely reminder to avoid early filtering on resource usage when profiling SQL"](#)

[Webcast: Greg Low on "Answering the queries your users really want to ask"](#)

[Jessica Moss: SSIS Designer Tip](#)

[Pinal Dave: Introduction to SQL Server Encryption and Symmetric Key Encryption](#)