



SOLID QUALITY NEWS™



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Come Learn with Us

SQL Server

[T-SQL Fundamentals](#)

Aug. 31-Sept. 3, Beaverton, OR - Ron Talmage

[Live Online: Agile Database Techniques Using Visual Studio Team System 2008](#)

Aug. 31-Sept. 2, via Microsoft Office Live Meeting - Richard Hundhausen

[SQL Server 2005 & 2008 Integration Services for Database Professionals](#)

Sept. 8-11, Bellevue, WA - Mentor TBD

[Advanced T-SQL Querying, Programming and Tuning for SQL Server 2005 & 2008](#)

Oct. 19-23, Sacramento, CA - Itzik Ben-Gan

Oct. 26-30, Bellevue, WA - Itzik Ben-Gan

August 2009

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TECH FEATURES

Plan Caching in SQL Server 2008

In this new MSDN white paper, SQL Server MVP and SolidQ Australia General Manager Greg Low explains how SQL Server 2008 allocates memory for plan caching and how query batches are cached, suggesting best practices for maximizing reuse of cached plans. The paper -- tech-reviewed by Solid Quality Mentors colleagues Andy Kelly, Itzik Ben-Gan, and Eladio Rincon and Microsoft's Adam Prout, Campbell Fraser, and Xin Zhang -- also explains scenarios in which batches are recompiled and outlines best practices for reducing or eliminating unnecessary recompilations and for minimizing plan cache pollution.

[Read the white paper](#)

Case Study: How ServiceU Achieved 99.99 Percent Uptime

Achieving maximum availability and near immediate recovery from a disaster is essential for ServiceU, whose software services are used by churches, schools, universities, theaters, and businesses to manage events such as concerts and conferences as well as online payments. In "High Availability and Disaster Recovery at ServiceU: A SQL Server 2008 Technical Case Study," Solid Quality Mentors' Ron Talmage joins Sanjay Mishra and Prem Mehra of the Microsoft SQLCAT team to detail how ServiceU has achieved 99.99 percent uptime using a 3-node failover cluster for high availability and database mirroring to a standby data center for disaster recovery.

[Read the case study](#)

SPOTLIGHT

Information from MVP Kelly "Worth a Thousand Google Searches" - and a PASS Summit Prize!

Congratulations to Cristin Flick, who won third prize in the "[Best Thing I Learned at PASS Summit](#)" contest for her entry about her favorite session, by Solid Quality Mentors' Andrew Kelly:

"...[Andrew] Kelly's [Capturing and Analyzing File & Wait Stats] session opened my eyes to the importance of recognizing the difference between filestats and waitstats. Performance tuning with this basic understanding helped me focus on key areas of

**Business Intelligence
Enterprise ETL with SQL Server
Integration Services 2005 & 2008**

Aug. 17-20, Bellevue, WA - Mentor TBD

Oct. 19-22, Minneapolis, MN - Mentor TBD (Remote learning available)

**SQL Server 2008 End-to-End
Business Intelligence Workshop**

Aug. 31-Sept. 4, Minneapolis, MN - Jessica Moss
(Remote learning available)

Sept. 14-18, Beaverton, OR - Mentor TBD

**Microsoft Office PerformancePoint
Server 2007 Monitoring & Analytics**

Sept. 9-11, Minneapolis, MN - Mentor TBD (Remote learning available)

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

Sept. 21-25, Beaverton, OR - Mentor TBD

**Deploying, Operating, and Tuning an
Analysis Services 2008 Solution**

Oct. 5-7, Minneapolis, MN - Mentor TBD (Remote learning available)

**Designing and Developing Solutions
with SQL Server 2008 Analysis
Services**

Oct. 26-29, Beaverton, OR - Mentor TBD

For more information or to register for these or other courses, see the Solid Quality™ Learning [full course schedule](#).

Need a different date or to schedule any of our courses as a private class at your premises? Contact info@solidq.com.

Service Offerings

Our PerformancePoint Experts Are There for You

Interested in expanding your Business Intelligence solutions with Microsoft Office PerformancePoint Server, but not sure what it means for your organization or how to jump in? With Solid Quality Mentors' team of PPS experts, including

contention, rather than only some stats that looked "bad." Is this a problem with the disk? Concurrent activity? Parallel threads? I learned tips like what processes can screw up numbers, pinpointing high I/O activity, users read or write wait times -- information I can use to find resolutions faster than ever. As an operational DBA, this allows me more time for preventative rather than reactive maintenance.

"I put into practice what I learned almost immediately. I now have great little pearls (aka notes) so I don't have to scour the Internet for clarification every time. Kelly presented everything in a clear, organized, logical fashion that I never had the time or energy to compile myself. The best thing I learned at PASS? Live, well-presented information from an MVP is worth a thousand Google searches. November can't come soon enough!"

See what Andrew and other Solid Quality Mentors are presenting at [PASS Summit 2009](#), Nov. 2-5, and register today with **discount code EXCUST3D** for \$100 off!

TRAINING & MENTORING

What Do SQL Server Training and Golf Have in Common?

Imagine how much your golf game would improve if you could take classes from the best players in the world -- and then take those pros out on the course with you the first few times you played.

Solid Quality Mentors' customizable workshops let you transfer that concept to the world of SQL Server and Business Intelligence training. We can build a training program specifically for your team, combining different modules from our world-class courses and adding mentoring engagements with our pros that put that training to work in your own environment and on your own data.

Want a private class, but don't have enough people to make it affordable? Our customizable workshops can also let you broaden the scope of training to cover more team members and more training needs. Maybe your team needs BI training, for example, but doesn't need Reporting Services instruction -- simply cut out the SSRS module and add in a day of valuable performance-tuning instruction for your DBAs.

Contact us at info@solidq.com or 800-757-6543 to see how we can help your team master the SQL Server "links"!

EVENTS

Best Practices Conference

Aug. 24-26, Washington, D.C.

Avoid pitfalls, cut costs, and gain competitive edge with insights from Solid Quality Mentors' top experts and other SQL Server and SharePoint industry leaders.

24 Hours of PASS

Sept. 2, Your Computer

Join Andrew Kelly, Greg Low, Jessica Moss, Peter Myers, Dejan Sarka, and Erik

former Microsoft and ProClarity pros,
you're in good hands.

Solid Quality's Craig Utley wrote the book on PPS: [Business Intelligence with Microsoft Office PerformancePoint Server 2007](#) (McGraw-Hill Osborne Media). And through our PPS [courses](#), [services](#), and [mentoring](#) offerings, we can help you determine the best way to get started! Contact us today at info@solidq.com or 800-757-6543.

Veerman for 24 hours of FREE, non-stop SQL Server training, courtesy of PASS!

HOT LINKS

[Jessica Moss on Channel 9: It's All About the Tools](#)

[Now in Bookstores: Allan Hirt's Pro SQL Server 2008 Failover Clustering](#)

[Pinal Dave: Union vs. Union All-Optimal Performance Comparison](#)

[Joe Chang: Automating Query Exec, Index Usage and Execution Plans, Update 2](#)

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