

Module 6: Wrap-up

Designing for Performance
Kimberly L. Tripp

Upcoming Events

- See www.SQLskills.com for information
- **SQLskills SQL Immersion Event**
Chicago, Illinois – Week of 11 October 2004
 - Tuning High Performance Databases using SQL Server 2000
4-days – presented by Kimberly L. Tripp
 - Data Access Best Practices – Immerse yourself in ADO.NET and Data Architectures
1-day – presented by William R. Vaughn
 - See www.SQLskills.com for more information and to register for this exciting event!

Online Events

- **MSDN Webcast: Indexes from Every Angle - Finding the Right Balance**
 - Recorded 11 June 2004
 - <http://msevents.microsoft.com/CUI/EventDetail.aspx?EventID=1032254503&Culture=en-US>
- **MSDN Webcast: Indexes from Every Angle – Proper Index Maintenance**
 - Recorded 19 July 2004
 - <http://msevents.microsoft.com/CUI/EventDetail.aspx?EventID=1032256511&Culture=en-US>
- **General MSDN Webcasts:**
<http://www.microsoft.com/usa/webcasts/ondemand>
- **Review my weblog for full set of resources:**
including demo scripts, Q&A, pdf of slides

Resources

- Check out www.sqlskills.com for information about upcoming events, useful downloads and event scripts! All of the scripts used in this presentation are available.
- **MSPress title: *SQL Server 2000 High Availability* Authors: Allan Hirt with Cathan Cook, Kimberly L. Tripp, Frank McBath**
ISBN: 0-7356-1920-4
- Check SQLskills.com to download a sample chapter!



Resources



<http://www.sqlmag.com>

- Query/Joins–related by Kimberly L. Tripp
- SQL Server Magazine – TSQL Tutor Joins
 - *Part I – Joins 101*, #22071
 - *Aliasing*, #22690
 - *Part II – Outer Joins*, #22689
 - *Part III – n-Table Joins*, #23733
 - *Part IV – n-Table Outer Joins*, #24319
 - *Part V – n-Table Joins and Search Arguments*, #24854
- SQL Server Magazine – TSQL Tutor RAISERROR
 - *All About Raiserror*, #22980
- SQL Server Magazine – TSQL Tutor Datetime Data Series (4 parts)
- SQL Server Magazine – TSQL Tutor Views Series
- See SQLskills.com, Articles for more!

Resources

- Whitepaper: *Index Tuning Wizard for Microsoft SQL Server 2000*,
<http://msdn.microsoft.com/library/en-us/dnsq12k/html/itwforsql.asp?frame=true>
- Whitepaper: *Improving Performance with Microsoft SQL Server 2000 Indexed Views*,
<http://msdn.microsoft.com/library/en-us/dnsq12k/html/indexedviews1.asp?frame=true>
- Whitepaper: *Statistics Used by the Query Optimizer in Microsoft SQL Server 2000*,
<http://msdn.microsoft.com/library/techart/statquery.htm>

Resources

- Whitepaper: *Microsoft SQL Server 2000 Index Defragmentation Best Practices*
<http://www.microsoft.com/technet/treeview/default.asp?url=/technet/prodtechnol/sql/maintain/Optimize/SS2KIDBP.asp>
- Whitepaper: *Using Partitions in a Data Warehouse*,
<http://msdn.microsoft.com/library/techart/partitionsindw.htm>
- Support WebCast: *SQL Server 2000 Profiler: What's New and How to Effectively Use It*
<http://support.microsoft.com/default.aspx?scid=%2Fservicedesks%2Fwebcasts%2Fwc111400%2Fwcblurb111400%2Easp>

Resources

- See www.microsoft.com/sql for all sorts of stuff!
- Make sure to get the latest version of the BOL. See www.microsoft.com/sql, Technical Resources, Product Documentation
- From Books Online “Home Page” select White Papers to get to full list of SQL Server resources on MSDN
- For TechNet articles use:
<http://www.microsoft.com/technet/prodtechnol/sql/default.asp?frame=true>
- Support Resources listed:
<http://www.microsoft.com/sql/support/default.asp>
- Webcasts:
<http://support.microsoft.com/default.aspx?PR=pwebcast&FR=0&SD=MSDN&LN=EN-US&CT=SD&SE=NONA>

Resources

Review these KB Articles:

- **Q224587: Troubleshooting Application Performance with SQL Server**
- **Q224453: Understanding and Resolving SQL Server 7.0 or 2000 Blocking Problems**
- **Q271509: How to Monitor SQL Server 2000 Blocking**
- **Q243586: Troubleshooting Stored Procedure Recompilation**
- **Q263889: SQL Blocking Due to [COMPILE] Locks**

Resources

- **Q328551: FIX: Concurrency Enhancements for the Tempdb Database**
- **Q243588: HOW TO: Troubleshoot Ad-Hoc Queries**
- **Q243589: Troubleshoot Slow-Running Queries**
- **Q319942: Proper Configuration Settings**
- **Q319892: New Concurrency and Scheduling Diagnostics Added to SQL Server**
- **Q305977: Frequently Asked Questions - SQL Server 2000 - Table Variables**
- **Q323630: Resolving Blocking Problems That Are Caused by Lock Escalation in SQL Server**

Resources

- Q283790: How to Create a SQL Server 2000 Trace
- Q270599: Programmatically Load Trace Files into Tables
- Q822853: Stop a Server-Side Trace in SQL 2000
- Q283786: How to Monitor SQL Server Traces
- Q281671: Stored Procedure to Create a SQL Server 2000 Blackbox Trace
- Q310175: BUG: BOL Incorrectly States That Users Do Not Need to Be Sysadmin to Use Profiler
- Q283696: Job to Monitor SQL Server 2000 Performance and Activity

Community Resources

Attend a free chat or web cast

<http://www.microsoft.com/communities/chats/default.mspix>

<http://www.microsoft.com/usa/webcasts/default.asp>

List of newsgroups

<http://communities2.microsoft.com/>

[communities/newsgroups/en-us/default.aspx](http://communities2.microsoft.com/communities/newsgroups/en-us/default.aspx)

MS Community Sites

<http://www.microsoft.com/communities/default.mspix>

Locate Local User Groups

<http://www.microsoft.com/communities/usergroups/default.mspix>

Session Evaluation

Please fill out a session evaluation on CommNet

Q1: **Overall satisfaction with the session**

Q2: **Usefulness of the information**

Q3: **Presenter's knowledge of the subject**

Q4: **Presenter's presentation skills**

Q5: **Effectiveness of the presentation**

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Thank you!

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Make sure to register for special offers
and other helpful information and resources!

www.SQLskills.com



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