SQL Server Tutorial

Part 80 - Logging deadlocks in sql server

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In this session we will learn

- How to write the deadlock information to the SQL Server error log

Link to Dot Net Basics, ASP.NET, C#, ADO.NET and SQL Server video series
http://www.youtube.com/user/kudvenkat/playlists

Suggested Videos
Part 77 - Difference between snapshot isolation and read committed snapshot
Part 78 - SQL Server deadlock example
Part 79 - SQL Server deadlock victim selection

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Logging deadlocks in SQL Server

If you are in need of the DVD with all the videos and PPT's, please visit
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When deadlocks occur, SQL Server chooses one of the transactions as the deadlock victim and rolls it back. There are several ways in SQL Server to track down the queries that are causing deadlocks. One of the options is to use SQL Server trace flag 1222 to write the deadlock information to the SQL Server error log.

```
-- Set SQL Server trace flag 1222
DBCC Traceon(1222, -1)

-- Check the status of the trace flag
DBCC TraceStatus(1222, -1)

-- Turn off the trace flag
DBCC Traceoff(1222, -1)
```

```
-- To read the error log
execute sp_readerrorlog
```

Please note: -1 parameter indicates that the trace flag must be set at the global level. If you omit -1 parameter the trace flag will be set only at the session level

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