

SQL Server Tutorial

Part 83 - SQL Server deadlock error handling

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In this session we will learn

- How to catch deadlock error using try/catch in SQL Server

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 80 - Logging deadlocks in sql server

Part 81 - SQL Server deadlock analysis and prevention

Part 82 - Capturing deadlocks in sql profiler

SQL Server Deadlock Error Handling

If you are in need of the DVD with all the videos and PPT's, please visit

<http://pragimtech.com/order.aspx>

```
Alter procedure spTransaction1
as
Begin
    Begin Tran
    Begin Try
        Update TableA Set Name = 'Mark Transaction 1' where Id = 1
        Waitfor delay '00:00:05'
        Update TableB Set Name = 'Mary Transaction 1' where Id = 1
        -- If both the update statements succeeded.
        -- No Deadlock occurred. So commit the transaction.
        Commit Transaction
        Select 'Transaction Successful'
    End Try
    Begin Catch
        -- Check if the error is deadlock error
        If(ERROR_NUMBER() = 1205)
        Begin
            Select 'Deadlock. Transaction failed. Please retry'
        End
        -- Rollback the transaction
        Rollback
    End Catch
End
```

Additional Resources

PRAGIM Home Page:

www.PragimTech.com

Resources:

C#, ADO.NET, ASP.NET, SQL Server & MVC youtube Playlists

<http://www.youtube.com/user/kudvenkat/playlists>

Code samples and text version of all the videos on my blog

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