

SQL Server Tutorial

Part 84 - Handling deadlocks in ADO.NET

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In this session we will learn

- How to handle deadlock errors in an ADO.NET application

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 81 - SQL Server deadlock analysis and prevention

Part 82 - Capturing deadlocks in sql profiler

Part 83 - SQL Server deadlock error handling

Handling Deadlocks in ADO.NET

If you are in need of the DVD with all the videos and PPT's, please visit
<http://pragimtech.com/order.aspx>

To handle deadlock errors in ADO.NET

1. Catch the `SqlException` object
2. Check if the error is deadlock error using the `Number` property of the `SqlException` object

```
try
{
    // ADO.NET Code to call stored procedure
}
catch (SqlException ex)
{
    if (ex.Number == 1205)
    {
        Label1.Text = "Deadlock. Please retry";
    }
    else
    {
        Label1.Text = ex.Message;
    }
    Label1.ForeColor = System.Drawing.Color.Red;
}
```

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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