

# Re: Making a database connection global

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*Source:*

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet/2006-05/msg01987.html>

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  - *Date:* Fri, 12 May 2006 22:11:33 +0100
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"Terry Jolly" <[terry@xxxxxxxx](mailto:terry@xxxxxxxx)> wrote in message  
[news:4464f7d0\\$0\\$6150\\$39cecf19@xxxxxxxxxxxxxxxxxxxxxxxx](news:4464f7d0$0$6150$39cecf19@xxxxxxxxxxxxxxxxxxxxxxxx)

## Web Solution

Goal: Have a global database connection

Why: (There will be 30+ tables, represented by 30+ classes) I only want to reference the database connection once.

I put the connection string in the web.config.

I created a class with a static database connection and the class opens and closes the database.

This seems to work so the question: Is there a better way to handle the database connection?

Yes – pretty much anything else would be better than what you're proposing.

If you did this you would quickly run into problems, as every user that requests a page will be sharing the same connection. That means that only one user at a time can request a page, or you will get an error message because the connection is busy. Every page that uses the database needs its own connection. This is one of the worst things you can do in ASP.NET – the absolute LAST thing you should do is to keep a connection to your RDBMS open for any longer than is necessary, let alone for the entire lifetime of your web app.

Consider using a DAL (Data Access Layer) instead:

<http://www.15seconds.com/issue/030317.htm>