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store session in database[Answered]

7 replies

Last post Oct 18, 2013 12:13 AM by [romy.thomas](#)

store session in database

Oct 17, 2013 05:55 AM | [maideen5](#)

hi

anybody can tell

How can session store in mssql database? How to do SQLServer Session Mode start?

Pls help me

Maideen

DATABASE SESSION

Re: store session in database

Oct 17, 2013 06:12 AM | [romy.thomas](#)

Hi,

As first step you need to create a database for storing session. In your .NET framework folder "C:\Windows\Microsoft.NET\Framework\v4.0.30319\" you can see a

file InstallSqlState.sql. Run that sql script file in your database server and it will create sql state database for you.

Now in your application web.config file, you will have to mention the session state as shown below.

```
<sessionState mode="SQLServer" sqlConnectionString="Data Source=<DBServerName>;Integrated Security=FALSE;user=<UserID>;pwd=<Passowrd>"
cookieless="false" timeout="20" />
```

If you do these configuration, you application should support session using database.

Thanks,

DATABASE SESSION

Re: store session in database

Oct 17, 2013 06:18 AM | Rajat

Hi,

Check steps

<http://classpattern.com/configure-sqlserver-session-state-on-aspnet.html> (<http://classpattern.com/configure-sqlserver-session-state-on-aspnet.html>)

DATABASE SESSION

Re: store session in database

Oct 17, 2013 06:05 PM | jats_ptl

Hi maideen5,

For Storing Session State to MS SQL Database please refer:

- **HOW TO: Configure SQL Server to Store ASP.NET Session State** (<http://support.microsoft.com/kb/317604>)

- [How To configure SQL server to store session state \(http://blogs.msdn.com/b/akshayns/archive/2008/10/04/how-to-configure-sql-server-to-store-a-session-state.aspx?Redirected=true\)](http://blogs.msdn.com/b/akshayns/archive/2008/10/04/how-to-configure-sql-server-to-store-a-session-state.aspx?Redirected=true)
- [Configuring ASP session state on SQL server \(http://www.codeproject.com/Articles/104082/Configuring-ASP-session-state-on-SQL-server\)](http://www.codeproject.com/Articles/104082/Configuring-ASP-session-state-on-SQL-server)
- [Store session \(asp.net\) in SQL Server \(http://stackoverflow.com/questions/11935492/store-session-asp-net-in-sql-server\)](http://stackoverflow.com/questions/11935492/store-session-asp-net-in-sql-server)
- [Asp.Net 4.0 Storing Session in SqlServer \(http://stackoverflow.com/questions/7394357/asp-net-4-0-storing-session-in-sqlserver\)](http://stackoverflow.com/questions/7394357/asp-net-4-0-storing-session-in-sqlserver)

And about Session State Modes:

ASP.NET session state supports several different storage options for session data. Each option is identified by a value in the [SessionStateMode](http://msdn.microsoft.com/en-us/library/system.web.sessionstate.sessionstatemode.aspx) (<http://msdn.microsoft.com/en-us/library/system.web.sessionstate.sessionstatemode.aspx>) enumeration. The following list describes the available session state modes:

- InProc mode, which stores session state in memory on the Web server. This is the default.
- StateServer mode, which stores session state in a separate process called the ASP.NET state service. This ensures that session state is preserved if the Web application is restarted and also makes session state available to multiple Web servers in a Web farm.
- SQLServer mode stores session state in a SQL Server database. This ensures that session state is preserved if the Web application is restarted and also makes session state available to multiple Web servers in a Web farm.
- Custom mode, which enables you to specify a custom storage provider.
- Off mode, which disables session state.

You can specify which mode you want ASP.NET session state to use by assigning a [SessionStateMode](http://msdn.microsoft.com/en-us/library/system.web.sessionstate.sessionstatemode.aspx) (<http://msdn.microsoft.com/en-us/library/system.web.sessionstate.sessionstatemode.aspx>) enumeration values to the mode attribute of the [sessionState](http://msdn.microsoft.com/en-us/library/h6bb9cz9.aspx) (<http://msdn.microsoft.com/en-us/library/h6bb9cz9.aspx>) element in your application's Web.config file. Modes other than InProc and Off require additional parameters, such as connection-string values as discussed later in this topic. You can view the currently selected session state by accessing the value of the [HttpSessionState.Mode](http://msdn.microsoft.com/en-us/library/system.web.sessionstate.httpsessionstate.mode.aspx) (<http://msdn.microsoft.com/en-us/library/system.web.sessionstate.httpsessionstate.mode.aspx>) property.

Source: <http://msdn.microsoft.com/en-us/library/ms178586.aspx> (<http://msdn.microsoft.com/en-us/library/ms178586.aspx>)

Hope this helps.

Thanks,

Jatin

DATABASE SESSION

Re: store session in database

Oct 17, 2013 07:54 PM | Ruchira

Check under **SQL Server Mode** in below MSDN article

<http://msdn.microsoft.com/en-us/library/ms178586.aspx> (<http://msdn.microsoft.com/en-us/library/ms178586.aspx>)

DATABASE SESSION

Re: store session in database

Oct 17, 2013 11:15 PM | maideen5

Thanks thomas

I did it. But how to insert session into table?

Pls explain

DATABASE SESSION

Re: store session in database

Oct 17, 2013 11:22 PM | maideen5

Hi Rajat

Thanks. done

How to insert session data into table

DATABASE SESSION

Re: store session in database

Oct 18, 2013 12:13 AM | romy.thomas

Hi,

Regardless of the session mode that you use, you can setsession as shown below

```
Session["Key"]="Value"
```

Thanks,

DATABASE SESSION

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