

Problems with WebParts

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet/2005-06/msg00258.html>

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I seem to be having a problem using web parts after the beta 2 release. Any time I try to have the WebPartManager on any page, I get the exception listed below. I've gone through the steps listed below and have gone as far as given EVERYONE full control of the App_Data folder. I am using the default settings (which I assume is the Cassini web server), so I believe it is a user permissions problem. Furthermore, if I publish the site under IIS, it works fine. What am I missing and how can I make sure that my user has dbcreator privileges for SQLEXPRESS?

Thanks in advance.

Exception below

Failed to generate a user instance of SQL Server due to a failure in starting the process for the user instance. The connection will be closed.
Description: An unhandled exception occurred during the execution of the current web request. Please review the stack trace for more information about the error and where it originated in the code.

SQLEXPRESS database file auto-creation error:

The connection string specifies a local SQL Server Express instance using a database location within the applications App_Data directory. The provider attempted to automatically create the application services database because the provider determined that the database does not exist. The following configuration requirements are necessary to successfully check for existence of the application services database and automatically create the application services database:

If the applications App_Data directory does not already exist, the web server account must have read and write access to the applications directory. This is necessary because the web server account will automatically create

Problems with WebParts

the App_Data directory if it does not already exist.

If the applications App_Data directory already exists, the web server account only requires read access to the applications App_Data directory.

This is necessary because the web server account will attempt to verify that the SQL Server Express database already exists within the applications App_Data directory. Note that revoking read access on the App_Data directory from the web server account will prevent the provider from correctly determining if the SQL Server Express database already exists. This will cause an error when SQL Server Express attempts to create a duplicate of an already existing database.

SQL Server Express must be installed on the machine.

If the application services database does not already exist, the SQL Server Express service account must have read and write access to the applications App_Data directory. This is necessary because the SQL Server Express service account will create the application services database.

The web server account used to connect to SQL Server Express must have rights to create a new database.

When using the local web server(Cassini) installed with Visual Studio, the logged-in user needs the dbcreator privilege in the appropriate SQL Server Express instance.

When using IIS, the process account needs the dbcreator privilege in the appropriate SQL Server Express instance. Only consider granting a process account dbcreator privilege on secure development machines. Do not grant the dbcreator privilege on production machines without fully investigating and understanding the security ramifications of running a production web server with the dbcreator privilege. The process account requiring dbcreator privilege varies depending on operating system platform and ASP.NET configuration settings:

For IIS5, and IIS6 running in IIS5 isolation mode, the default web server account is the local ASPNET machine account.

For IIS6 native mode, the default web server account is NETWORK SERVICE.

If application impersonation is enabled, then the application impersonation account requires the dbcreator privilege.

If an explicit account was specified for the web server process (either in the <processModel> element for IIS5 and IIS5 isolation mode, or the application pool account on IIS6), then the explicit account requires the dbcreator privilege.

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*****  
end exception (minus the stack trace)
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 - Next by Date: [***Re: Newbie Question – Refercing a User Control from a form***](#)
 - Previous by thread: [***how do I make the validator cut off other code on the page from executing?***](#)
 - Next by thread: [***Simple Question regarding relative path references***](#)

Problems with WebParts

- Index(es):
 - ◆ *Date*
 - ◆ *Thread*