

Re: A severe error occurred on the current command when running stored

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Date: 10/30/04

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Hi,

Sine it is working fine with admin, I would suspect it is related to permissions issues. Here is what I have found in a BOL for SQL Server. I think it might help you

"When sp_help_job is invoked by a user who is a member of the sysadmin fixed server role, sp_help_job will be executed under the security context in which the SQL Server service is running. When the user is not a member of the sysadmin group, sp_help_job will impersonate the SQL Server Agent proxy account, which is specified using xp_sqlagent_proxy_account. If the proxy account is not available, sp_help_job will fail. This is true only for Microsoft® Windows NT® 4.0 and Windows 2000. On Windows 9.x, there is no impersonation and sp_help_job is always executed under the security context of the Windows 9.x user who started SQL Server."

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"Macromullet" <Macromullet@discussions.microsoft.com> wrote in message news:CD1B5B1C-30D3-412C-95D1-7CA8EDFFD6CF@microsoft.com...

>I am trying to execute the following stored procedure:

>

> sp_help_job on msdb on a SQL Server 2000 installation under the context of
> a

> user that is just a standard sql server login. Not a sysadmin.

>

> If i run it under the context of a sysadmin i get results. However, if i
> run

> it under a basic user i get:

>

> A severe error occurred on the current command. The results, if any,
> should
> be discarded.

>

> I thought it might be related to not specifying parameters but i did that
> too. Here is my code:

>

> public void ThisWillFail()

> {

```
> string connectionString = "Data Source=server;Initial
> Catalog=msdb;Integrated Security=false;User
> ID=basicuser;Password=basicuser;Application Name=TESTAPP;Persist Security
> Info=False;Connect Timeout=30;";
>
> SqlConnection sqlConnection = new SqlConnection(connectionString);
> SqlCommand sqlCommand = new SqlCommand("sp_help_job", sqlConnection);
>
> sqlCommand.CommandType = CommandType.StoredProcedure;
>
> sqlCommand.Parameters.Add("@job_id", SqlDbType.UniqueIdentifier);
> sqlCommand.Parameters.Add("@job_name", SqlDbType.NVarChar, 128);
> sqlCommand.Parameters.Add("@job_aspect", SqlDbType.VarChar, 9);
> sqlCommand.Parameters.Add("@job_type", SqlDbType.VarChar, 12);
> sqlCommand.Parameters.Add("@owner_login_name", SqlDbType.NVarChar, 128);
> sqlCommand.Parameters.Add("@subsystem", SqlDbType.NVarChar, 40);
> sqlCommand.Parameters.Add("@category_name", SqlDbType.NVarChar, 128);
> sqlCommand.Parameters.Add("@enabled", SqlDbType.TinyInt);
> sqlCommand.Parameters.Add("@execution_status", SqlDbType.Int);
> sqlCommand.Parameters.Add("@date_comparator", SqlDbType.Char, 1);
> sqlCommand.Parameters.Add("@date_created", SqlDbType.DateTime);
> sqlCommand.Parameters.Add("@date_last_modified", SqlDbType.DateTime);
> sqlCommand.Parameters.Add("@description", SqlDbType.NVarChar, 512);
>
> SqlDataReader dr = null;
>
> try
> {
> sqlConnection.Open();
> dr = sqlCommand.ExecuteReader();
>
> while (dr.Read())
> {
> System.Diagnostics.Debug.WriteLine(dr["name"]);
> }
> }
> catch (SqlException ex)
> {
> System.Diagnostics.Debug.WriteLine(ex.ToString());
> }
> finally
> {
> if (dr != null && !dr.IsClosed)
> {
> dr.Close();
> }
> }
>
> if (sqlConnection.State == ConnectionState.Open)
> {
> sqlConnection.Close();
> }
> }
> }
>
> Any help is greatly appreciated.
>
> -Brooke
```