

SqlDataAdapter.Fill() : Invalid object name <TableName>

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I'm trying to build a basic DB explorer using C# & Visual Studio 2005. I installed SQL Server 2005 Express, created a blank project, dropped a TreeView, a ListView and a DataGridView : DB objects (Databases, tables, SPs, and so on) are displayed in the tree, table columns definitions in the list and I want to display the selected table content in the DataGridView. So far so good. Currently, I succeeded in loading the treeview and the listview but I CAN'T connect the DataGridView with my database in order to make it display a table content !!

The same exception is ALWAYS raised by the Fill() method of a SqlDataAdapter I create to build the view :

sqlAdapter.Fill(dataTable): Unhandled SQL exception: Invalid object name <TableName>
(The original message, in French, is "Nom d'objet '<TableName>' non valide.").

<TableName> can be replaced by every table I have in my server, I checked with a database I created (Database TEST, Table TABLE1) and with system databases like tempdb, master, or msdb) without any success.

I'm puzzled. I tried to prefix the table names by their schema or their parent database name, but the exception is still raised.

Here is my code :

```
public void fillDataGridView(DataGridView inGridView,
string inSelectCommand)
{
/* Vérifier qu'on est connecté */
checkConnected();

inGridView.AutoGenerateColumns = true;

inGridView.AutoSizeColumns(DataGridViewAutoSizeColumnsMode.AllCellsExceptHeader);

DataTable dataTable = new DataTable();
SqlCommand sqlCommand = new SqlCommand(inSelectCommand, sqlConnection_);

/* Remplir la vue */
SqlDataAdapter sqlAdapter = new SqlDataAdapter(sqlCommand);

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```
sqlAdapter.Fill(dataTable);
```

```
inGridView.DataSource = dataTable;
```

```
}
```

"inSelectCommand" can be "SELECT * FROM Table1", "SELECT * FROM TEST.TABLE1" (using the parent DB name), or "SELECT * from dbo.TABLE1" (using the owner's name), for instance; the exception is always raised.

My connection string :

- doesn't provide a startup database since I've to be able to explore them all
- Use "tcp:(local), 1025" or "DOMAIN\USER" to specify my local computer (I'm running XP SP2 with admin rights)
- Use "Integrated Security = True" to use the Windows integrated security.

Any hint greatly appreciated !

Best regards,

A.R.

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