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VB.NET DataGridView binding - Sql Server

You can extend the DataGridView control in a number of ways to build custom behaviors into your applications. The DataGridView can display data in Bound mode, unbound mode and Virtual mode . Bound mode is suitable for managing data using automatic interaction with the data store. One very common use of the DataGridView control is binding to a table in a database. Unbound mode is suitable for displaying relatively small amounts of data that you manage programmatically. Virtual mode gives you a higher degree of control by allowing you to wait until a cell is actually being displayed to provide the value it will contain.

The following vb.net program shows how to bind a SQL Server dataset in a DataGridView.

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```
Imports System.Data.SqlClient
Public Class Form1
    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click
        Dim connectionString As String = "Data Source=.;Initial Catalog=..."
        Dim sql As String = "SELECT * FROM Authors"
        Dim connection As New SqlConnection(connectionString)
        Dim dataadapter As New SqlDataAdapter(sql, connection)
        Dim ds As New DataSet()
        connection.Open()
        dataadapter.Fill(ds, "Authors_table")
        connection.Close()
        DataGridView1.DataSource = ds
        DataGridView1.DataMember = "Authors_table"
    End Sub
End Class
```

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