

The use of the Find() and FindRows() methods of a DataView to find DataRowView objects

```
using System;
using System.Data;
using System.Data.SqlClient;

class FindingDataRowViews
{
public static void Main()
{
SqlConnection mySqlConnection = new
SqlConnection("server=(local)SQLEXPRESS;database=MyDatabase;In
tegrated Security=SSPI;");
SqlCommand mySqlCommand = mySqlConnection.CreateCommand();
mySqlCommand.CommandText =
"SELECT ID, FirstName, LastName " +
"FROM Employee";
SqlDataAdapter mySqlDataAdapter = new SqlDataAdapter();
mySqlDataAdapter.SelectCommand = mySqlCommand;
DataSet myDataSet = new DataSet();
mySqlConnection.Open();
mySqlDataAdapter.Fill(myDataSet, "Employee");
mySqlConnection.Close();
DataTable employeeDT = myDataSet.Tables["Employee"];

string filterExpression = "ID = 9";
string sortExpression = "ID";
DataRowState rowStateFilter =
DataRowState.OriginalRows;

DataView employeeDV = new DataView();
```

```
employeeDV.Table = employeeDT;
employeeDV.RowFilter = filterExpression;
employeeDV.Sort = sortExpression;
employeeDV.RowStateFilter = rowStateFilter;

foreach (DataRowView myDataRowView in employeeDV)
{
for (int count = 0; count < employeeDV.Table.Columns.Count;
count++) { Console.WriteLine(myDataRowView[count]); }
Console.WriteLine(""); } int index = employeeDV.Find("8");
Console.WriteLine("8 found at index " + index + " ");
DataRowView[] employeeDRVs = employeeDV.FindRows("8"); foreach
(DataRowView myDataRowView in employeeDRVs) { for (int count =
0; count < employeeDV.Table.Columns.Count; count++) {
Console.WriteLine(myDataRowView[count]); } } } [/csharp]
```