



: C# ()
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: DB-LAB
: 2001 7 25

.. c# ..
 .. 가...
 DataSet
 가 SQL 2000 .
 2 가 ..

8-3. DataSet

```
dsc.Update(ds,"dsadotest");
Update DataSet Data Source .
ds dsadotest Data Source .

namespace datagridTest2
{
    using System;
    using System.Drawing;
    using System.Collections;
    using System.ComponentModel;
    using System.Windows.Forms;
    using System.Data;
    using System.Data.ADO;

    public class Form1 : System.Windows.Forms.Form
    {
        private System.ComponentModel.Container components;
        private System.Windows.Forms.Button btupdate;
        private System.Windows.Forms.Button btsource;
        private System.Windows.Forms.DataGrid dataGrid2;
        private System.Windows.Forms.Button btrecordedit;
        private System.Windows.Forms.DataGrid dataGrid1;
        private System.Data.ADO.ADOConnection myConnection;
        private System.Data.ADO.ADODataSetCommand dsc;
        private System.Data.DataSet ds, ds1;
```

```
public Form1()
{

    InitializeComponent();

    myConnection = new ADOConnection();

    myConnection.ConnectionString="Provider=Microsoft.Jet.OLEDB.4.0;Data
Source=d:\\c#\\consoleSample\\sql\\board.mdb;Persist Security Info=False";

    dsc = new ADODataSetCommand(new ADOCommand("select * from
adotest",myConnection));

    ds = new DataSet();
    ds1 = new DataSet();
    dsc.FillDataSet(ds,"dsadotest");

    dataGrid1.DataSource=ds.Tables["dsadotest"].DefaultView;

}

public override void Dispose()
{
    base.Dispose();
    components.Dispose();
}

private void InitializeComponent()
{
    this.components = new System.ComponentModel.Container ();
    this.btsource = new System.Windows.Forms.Button ();
    this.dataGrid1 = new System.Windows.Forms.DataGrid ();
```

```
this.btrecordedit = new System.Windows.Forms.Button ();
this.dataGrid2 = new System.Windows.Forms.DataGrid ();
this.btupdate = new System.Windows.Forms.Button ();
dataGrid1.BeginInit ();
dataGrid2.BeginInit ();
//@this.TrayHeight = 0;
//@this.TrayLargeIcon = false;
//@this.TrayAutoArrange = true;
btsource.Location = new System.Drawing.Point (296, 184);
btsource.Size = new System.Drawing.Size (80, 32);
btsource.TabIndex = 3;
btsource.Text = "          ";
btsource.Click += new System.EventHandler
(this.btsource_Click);
dataGrid1.Location = new System.Drawing.Point (32, 16);
dataGrid1.Size = new System.Drawing.Size (352, 152);
dataGrid1.DataMember = "";
dataGrid1.TabIndex = 0;
btrecordedit.Location = new System.Drawing.Point (40,
184);
btrecordedit.Size = new System.Drawing.Size (120, 32);
btrecordedit.TabIndex = 1;
btrecordedit.Text = "          ";
btrecordedit.Click += new System.EventHandler
(this.btrecordedit_Click);
dataGrid2.Location = new System.Drawing.Point (32, 240);
dataGrid2.Size = new System.Drawing.Size (352, 168);
dataGrid2.DataMember = "";
dataGrid2.TabIndex = 2;
btupdate.Location = new System.Drawing.Point (192, 184);
btupdate.Size = new System.Drawing.Size (72, 32);
btupdate.TabIndex = 4;
btupdate.Text = "UPDATE";
btupdate.Click += new System.EventHandler
(this.btupdate_Click);
this.Text = "Form1";
```

```
        this.AutoScaleBaseSize = new System.Drawing.Size (6, 14);
        this.ClientSize = new System.Drawing.Size (424, 437);
        this.Controls.Add (this.btupdate);
        this.Controls.Add (this.btsource);
        this.Controls.Add (this.dataGrid2);
        this.Controls.Add (this.btrecordedit);
        this.Controls.Add (this.dataGrid1);
        dataGrid1.EndInit ();
        dataGrid2.EndInit ();
    }

    protected void btsource_Click (object sender, System.EventArgs e)
    {

        dsc.SelectCommand.CommandText="select * from
adotest";

        ds1.Clear();
        dsc.FillDataSet(ds1,"dsadotest");

        dataGrid2.DataSource=ds1.Tables["dsadotest"].DefaultView;
    }

    protected void btrecordedit_Click (object sender,
System.EventArgs e)
    {

        DataTable myTable = ds.Tables["dsadotest"];

        //
        DataRow newrow = myTable.NewRow();
        newrow["name"] = "      ";
        newrow["email"] = "eee@hanmail.net";
        myTable.Rows.Add(newrow);

        //
```

```
        myTable.Rows[2].BeginEdit();
        myTable.Rows[2]["name"] = "        ";
        myTable.Rows[2].EndEdit();

        myTable.Rows[1].Delete();
    }

    protected void btupdate_Click (object sender, System.EventArgs e)
    {
        dsc.Update(ds, "dsadotest");
    }

    public static void Main(string[] args)
    {
        Application.Run(new Form1());
    }
}
```

...

Form1

	ID	name	email
▶	1	박형범	phb418@ha
	4	양해 주	kkk@hanma
	5	신대근	kkk@hanma
*			

레코드 내용 변경

UPDATE

원소스내용

Form1

	ID	name	email
▶	1	박형범	phb418@ha
	5	양해 주	kkk@hanma
	(null)	박태훈	eee@hanm
*			

레코드 내용 변경

UPDATE

원소스내용

Update

Form1

	ID	name	email
▶	1	박형범	phb418@ha
	5	양해 주	kkk@hanma
	(null)	박태훈	eee@hanm
*			

레코드 내용 변경 UPDATE 원소스내용

	ID	name	email
▶	1	박형범	phb418@ha
	4	양해 주	kkk@hanma
	5	신대근	kkk@hanma
*			

Update . Update가 .

The screenshot shows a Windows application window titled 'Form1'. Inside the window, there are two data tables and three buttons. The top table has columns 'ID', 'name', and 'email'. The bottom table has the same columns. Between the tables are three buttons: '레코드 내용 변경', 'UPDATE', and '원소스내용'.

	ID	name	email
▶	1	박철범	phb418@ha
	5	양해 주	kkk@hanma
	(null)	박태훈	eee@hanm
*			

레코드 내용 변경 UPDATE 원소스내용

	ID	name	email
▶	1	박철범	phb418@ha
	5	양해 주	kkk@hanma
	6	박태훈	eee@hanm
*			

SQL 2000

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