private DataTable CreateDataTableFromFile()

{

DataTable dt = new DataTable();

DataColumn dc;

DataRow dr;

dc = new DataColumn();

dc.DataType = System.Type.GetType("System.Int32");

dc.ColumnName = "c1";

dc.Unique = false;

dt.Columns.Add(dc);

dc = new DataColumn();

dc.DataType = System.Type.GetType("System.Int32");

dc.ColumnName = "c2";

dc.Unique = false;

dt.Columns.Add(dc);

dc = new DataColumn();

dc.DataType = System.Type.GetType("System.Int32");

dc.ColumnName = "c3";

dc.Unique = false;

dt.Columns.Add(dc);

dc = new DataColumn();

dc.DataType = System.Type.GetType("System.Int32");

dc.ColumnName = "c4";

dc.Unique = false;

dt.Columns.Add(dc);

StreamReader sr = new StreamReader(@"d:\work\test.txt");

string input;

while ((input = sr.ReadLine()) != null)

{

string[] s = input.Split(new char[] { '|' });

dr = dt.NewRow();

dr["c1"] = s[0];

dr["c2"] = s[1];

dr["c3"] = s[2];

dr["c4"] = s[3];

dt.Rows.Add(dr);

}

sr.Close();

return dt;

}