**[C#-----Winform界面表格DataGridView的使用](https://www.cnblogs.com/fengfuwanliu/p/11341796.html)**

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**1.列宽度充满表格**

this.dgvStudentData.Columns["StudentName"].AutoSizeMode = DataGridViewAutoSizeColumnMode.Fill;

this.dgvStudentData.Columns["StudentAge"].AutoSizeMode = DataGridViewAutoSizeColumnMode.Fill;

this.dgvStudentData.Columns["StudentSex"].AutoSizeMode = DataGridViewAutoSizeColumnMode.Fill;

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**2.填充数据**

[复制代码](javascript:void(0);)

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace CBL.Player

{

public partial class frmStudentTable : Form

{

public frmStudentTable()

{

InitializeComponent();

}

private void frmStudentTable\_Load(object sender, EventArgs e)

{

DataTable dt = new DataTable();

dt.Columns.Add("StudentName", typeof(string));

dt.Columns.Add("StudentAge", typeof(int));

dt.Columns.Add("StudentSex", typeof(string));

dt.Rows.Add(new object[] { "白起", 25, "男" });

dt.Rows.Add(new object[] { "李斯", 24, "男" });

dt.Rows.Add(new object[] { "王昭君", 23, "女" });

int i = 0;

foreach (DataRow row in dt.Rows)

{

this.dgvStudentData.Rows.Insert(i, row["StudentName"], row["StudentAge"], row["StudentSex"]);

i++;

}

}

}

}

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**3.添加行号**

[复制代码](javascript:void(0);)

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace CBL.Player

{

public partial class frmStudentTable : Form

{

public frmStudentTable()

{

InitializeComponent();

}

private void dgvStudentData\_RowPostPaint(object sender, DataGridViewRowPostPaintEventArgs e)

{

SolidBrush b = new SolidBrush(this.dgvStudentData.RowHeadersDefaultCellStyle.ForeColor);

e.Graphics.DrawString((e.RowIndex + 1).ToString(System.Globalization.CultureInfo.CurrentUICulture),

this.dgvStudentData.DefaultCellStyle.Font, b, e.RowBounds.Location.X + 5, e.RowBounds.Location.Y + 4);

}

}

}

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**4.单击单元格事件**

[复制代码](javascript:void(0);)

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace CBL.Player

{

public partial class frmStudentTable : Form

{

public frmStudentTable()

{

InitializeComponent();

}

private void dgvStudentData\_CellClick(object sender, DataGridViewCellEventArgs e)

{

//判断点击的单元格是哪一列

bool flag = this.dgvStudentData.Columns[this.dgvStudentData.CurrentCell.ColumnIndex].Name == "StudentName";

if (flag)

{

string cellStudentName = dgvStudentData.Rows[e.RowIndex].Cells["StudentName"].Value.ToString();

string cellStudentAge = dgvStudentData.Rows[e.RowIndex].Cells["StudentAge"].Value.ToString();

string cellStudentSex = dgvStudentData.Rows[e.RowIndex].Cells["StudentSex"].Value.ToString();

MessageBox.Show(cellStudentName + "," + cellStudentAge + "," + cellStudentSex);

}

}

}

}

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**5. 列标题及单元格居中**

this.dgvStudentData.ColumnHeadersDefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter;

this.dgvStudentData.DefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter;