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How to view spreadsheet with spreadsheet sdk in C# using ByteScout Barcode Suite

Learning is essential in computer world and the tutorial below will demonstrate how to view spreadsheet with spreadsheet sdk in C#

On this page you will learn from code samples for programming in C#. Writing of the code to view spreadsheet with spreadsheet sdk in C# can be executed by programmers of any level using ByteScout Barcode Suite. ByteScout Barcode Suite is the bundle that provides 3 SDK products to generate barcodes (Barcode SDK), read barcodes (Barcode Reader SDK) and read and write spreadsheets (Spreadsheet SDK). It can view spreadsheet with spreadsheet sdk in C#.

This prolific sample source code in C# for ByteScout Barcode Suite contains various functions and other necessary options you should do calling the API to view spreadsheet with spreadsheet sdk. If you want to implement the functionality, just copy and paste this code for C# below into your code editor with your app, compile and run your application. If you want to use these C# sample examples in one or many applications then they can be used easily.

Our website gives trial version of ByteScout Barcode Suite for free. It also includes documentation and source code samples.

FOR MORE INFORMATION AND FREE TRIAL:

[Download Free Trial SDK \(on-premise version\)](#)

[Read more about ByteScout Barcode Suite](#)

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[Get Free API key for Web API](#)

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Source Code Files:

Form1.Designer.cs

```
namespace ViewSpreadsheet
{
    partial class Form1
    {
        /// <summary>
        /// Required designer variable.
        /// </summary>
        private System.ComponentModel.IContainer components = null;

        /// <summary>
        /// Clean up any resources being used.
        /// </summary>
        /// <param name="disposing">true if managed resources should be disposed.
        protected override void Dispose(bool disposing)
        {
            if (disposing && (components != null))
            {
                components.Dispose();
            }
            base.Dispose(disposing);
        }

        #region Windows Form Designer generated code

        /// <summary>
        /// Required method for Designer support - do not modify
        /// the contents of this method with the code editor.
        /// </summary>
        private void InitializeComponent()
        {
            System.ComponentModel.ComponentResourceManager resources = new System.ComponentModel.ComponentResourceManager(typeof(Form1));
            this.lblStub = new System.Windows.Forms.Label();
            this.menuStrip1 = new System.Windows.Forms.MenuStrip();
            this.filesToolStripMenuItem = new System.Windows.Forms.ToolStripMenuItem();
            this.tsmiOpen = new System.Windows.Forms.ToolStripMenuItem();
            this.tsmiPrint = new System.Windows.Forms.ToolStripMenuItem();
            this.tsmiPrintPreview = new System.Windows.Forms.ToolStripMenuItem();
            this.tsmiExit = new System.Windows.Forms.ToolStripMenuItem();
            this.helpToolStripMenuItem = new System.Windows.Forms.ToolStripMenuItem();
            this.tsmiVisitWebsite = new System.Windows.Forms.ToolStripMenuItem();
            this.tsmiAbout = new System.Windows.Forms.ToolStripMenuItem();
            this.toolStrip = new System.Windows.Forms.ToolStrip();
            this.tsbOpen = new System.Windows.Forms.ToolStripButton();
            this.toolStripSeparator1 = new System.Windows.Forms.ToolStripSeparator();
            this.tsbPromo = new System.Windows.Forms.ToolStripButton();
            this.toolStripSeparator2 = new System.Windows.Forms.ToolStripSeparator();
            this.tsbVisitWebsite = new System.Windows.Forms.ToolStripButton();
            this openFileDialog = new System.Windows.Forms.OpenFileDialog();
            this.menuStrip1.SuspendLayout();
            this.toolStrip.SuspendLayout();
            this.SuspendLayout();
        }

        private void Form1_Load(object sender, EventArgs e)
        {
            // 
            // lblStub
            // 
            this.lblStub.AutoSize = true;
            this.lblStub.Location = new System.Drawing.Point(12, 12);
            this.lblStub.Name = "lblStub";
            this.lblStub.Size = new System.Drawing.Size(100, 20);
            this.lblStub.TabIndex = 0;
            this.lblStub.Text = "lblStub";
            // 
            // menuStrip1
            // 
            this.menuStrip1.ImageScalingSize = new System.Drawing.Size(24, 24);
            this.menuStrip1.Items.AddRange(new System.Windows.Forms.ToolStripItem[] { this.filesToolStripMenuItem });
            this.menuStrip1.Location = new System.Drawing.Point(0, 0);
            this.menuStrip1.Name = "menuStrip1";
            this.menuStrip1.Size = new System.Drawing.Size(800, 28);
            this.menuStrip1.TabIndex = 1;
            this.menuStrip1.Text = "menuStrip1";
            // 
            // filesToolStripMenuItem
            // 
            this.filesToolStripMenuItem.DropDownItems.AddRange(new System.Windows.Forms.ToolStripItem[] { this.tsmiOpen, this.tsmiPrint, this.tsmiPrintPreview, this.tsmiExit });
            this.filesToolStripMenuItem.Name = "filesToolStripMenuItem";
            this.filesToolStripMenuItem.Size = new System.Drawing.Size(59, 24);
            this.filesToolStripMenuItem.Text = "File";
            // 
            // tsmiOpen
            // 
            this.tsmiOpen.Name = "tsmiOpen";
            this.tsmiOpen.Size = new System.Drawing.Size(152, 24);
            this.tsmiOpen.Text = "Open";
            // 
            // tsmiPrint
            // 
            this.tsmiPrint.Name = "tsmiPrint";
            this.tsmiPrint.Size = new System.Drawing.Size(152, 24);
            this.tsmiPrint.Text = "Print";
            // 
            // tsmiPrintPreview
            // 
            this.tsmiPrintPreview.Name = "tsmiPrintPreview";
            this.tsmiPrintPreview.Size = new System.Drawing.Size(152, 24);
            this.tsmiPrintPreview.Text = "Print Preview";
            // 
            // tsmiExit
            // 
            this.tsmiExit.Name = "tsmiExit";
            this.tsmiExit.Size = new System.Drawing.Size(152, 24);
            this.tsmiExit.Text = "Exit";
            // 
            // toolStrip
            // 
            this.toolStrip.ImageScalingSize = new System.Drawing.Size(24, 24);
            this.toolStrip.Items.AddRange(new System.Windows.Forms.ToolStripItem[] { this.tsbOpen, this.toolStripSeparator1, this.tsbPromo, this.toolStripSeparator2, this.tsbVisitWebsite });
            this.toolStrip.Location = new System.Drawing.Point(0, 28);
            this.toolStrip.Name = "toolStrip";
            this.toolStrip.Size = new System.Drawing.Size(800, 30);
            this.toolStrip.TabIndex = 2;
            this.toolStrip.Text = "toolStrip";
            // 
            // tsbOpen
            // 
            this.tsbOpen.DisplayStyle = System.Windows.Forms.ToolStripItemDisplayStyle.Image;
            this.tsbOpen.Image = ((System.Drawing.Image)(resources.GetObject("tsbOpen.Image")));
            this.tsbOpen.ImageTransparentColor = System.Drawing.Color.Magenta;
            this.tsbOpen.Name = "tsbOpen";
            this.tsbOpen.Size = new System.Drawing.Size(30, 30);
            this.tsbOpen.Text = "Open";
            // 
            // toolStripSeparator1
            // 
            this.toolStripSeparator1.Name = "toolStripSeparator1";
            this.toolStripSeparator1.Size = new System.Drawing.Size(6, 30);
            // 
            // tsbPromo
            // 
            this.tsbPromo.DisplayStyle = System.Windows.Forms.ToolStripItemDisplayStyle.Image;
            this.tsbPromo.Image = ((System.Drawing.Image)(resources.GetObject("tsbPromo.Image")));
            this.tsbPromo.ImageTransparentColor = System.Drawing.Color.Magenta;
            this.tsbPromo.Name = "tsbPromo";
            this.tsbPromo.Size = new System.Drawing.Size(30, 30);
            this.tsbPromo.Text = "Promo";
            // 
            // toolStripSeparator2
            // 
            this.toolStripSeparator2.Name = "toolStripSeparator2";
            this.toolStripSeparator2.Size = new System.Drawing.Size(6, 30);
            // 
            // tsbVisitWebsite
            // 
            this.tsbVisitWebsite.DisplayStyle = System.Windows.Forms.ToolStripItemDisplayStyle.Image;
            this.tsbVisitWebsite.Image = ((System.Drawing.Image)(resources.GetObject("tsbVisitWebsite.Image")));
            this.tsbVisitWebsite.ImageTransparentColor = System.Drawing.Color.Magenta;
            this.tsbVisitWebsite.Name = "tsbVisitWebsite";
            this.tsbVisitWebsite.Size = new System.Drawing.Size(30, 30);
            this.tsbVisitWebsite.Text = "Visit Website";
            // 
            // openFileDialog
            // 
            this.openFileDialog.Filter = "All files (*.*)|*.*";
            // 
            // Form1
            // 
            this.AutoScaleDimensions = new System.Drawing.SizeF(8F, 20F);
            this.AutoScaleMode = System.Windows.Forms.AutoScaleMode.Font;
            this.ClientSize = new System.Drawing.Size(800, 450);
            this.Controls.Add(this.menuStrip1);
            this.Controls.Add(this.toolStrip);
            this.Controls.Add(this.lblStub);
            this.MainMenuStrip = this.menuStrip1;
            this.Name = "Form1";
            this.Text = "Form1";
            this.menuStrip1.ResumeLayout(false);
            this.menuStrip1.PerformLayout();
            this.toolStrip.ResumeLayout(false);
            this.toolStrip.PerformLayout();
            this.ResumeLayout(false);
            this.PerformLayout();
        }

        private void tsmiOpen_Click(object sender, EventArgs e)
        {
            openFileDialog.ShowDialog();
        }

        private void tsmiPrint_Click(object sender, EventArgs e)
        {
            printDialog1.ShowDialog();
        }

        private void tsmiPrintPreview_Click(object sender, EventArgs e)
        {
            printPreviewDialog1.ShowDialog();
        }

        private void tsmiExit_Click(object sender, EventArgs e)
        {
            Application.Exit();
        }

        private void tsbOpen_Click(object sender, EventArgs e)
        {
            openFileDialog.ShowDialog();
        }

        private void tsbPromo_Click(object sender, EventArgs e)
        {
            promo.ShowDialog();
        }

        private void tsbVisitWebsite_Click(object sender, EventArgs e)
        {
            webBrowser1.Navigate("http://www.google.com");
        }
    }
}
```

```
//  
this.lblStub.BackColor = System.Drawing.SystemColors.Window;  
this.lblStub.Dock = System.Windows.Forms.DockStyle.Fill;  
this.lblStub.Font = new System.Drawing.Font("Arial", 17.25F, System.Drawing.FontStyle.Regular, System.Drawing.GraphicsUnit.Point);  
this.lblStub.ForeColor = System.Drawing.SystemColors.AppWorkspace;  
this.lblStub.Location = new System.Drawing.Point(0, 49);  
this.lblStub.Name = "lblStub";  
this.lblStub.Size = new System.Drawing.Size(837, 508);  
this.lblStub.TabIndex = 5;  
this.lblStub.Text = "Click here to open spreadsheet files: \r\n" +  
    "Office Calc (*.ods)\r\nCSV Comma Separated Values (*.cvs)\r\n" +  
    "s (*.txt)";  
this.lblStub.TextAlign = System.Drawing.ContentAlignment.MiddleCenter;  
this.lblStub.Click += new System.EventHandler(this.tsmiOpen_Click);  
//  
// menuStrip1  
//  
this.menuStrip1.Items.AddRange(new System.Windows.Forms.ToolStripItem[] {  
    this.filesToolStripMenuItem,  
    this.helpToolStripMenuItem});  
this.menuStrip1.Location = new System.Drawing.Point(0, 0);  
this.menuStrip1.Name = "menuStrip1";  
this.menuStrip1.Padding = new System.Windows.Forms.Padding(4, 2, 0, 2);  
this.menuStrip1.Size = new System.Drawing.Size(837, 24);  
this.menuStrip1.TabIndex = 6;  
this.menuStrip1.Text = "menuStrip1";  
//  
// filesToolStripMenuItem  
//  
this.filesToolStripMenuItem.DropDownItems.AddRange(new System.ToolStripItem[] {  
    this.tsmiOpen,  
    this.tsmiPrint,  
    this.tsmiPrintPreview,  
    this.tsmiExit});  
this.filesToolStripMenuItem.Name = "filesToolStripMenuItem";  
this.filesToolStripMenuItem.Size = new System.Drawing.Size(42, 22);  
this.filesToolStripMenuItem.Text = "Files";  
//  
// tsmiOpen  
//  
this.tsmiOpen.Name = "tsmiOpen";  
this.tsmiOpen.ShortcutKeys = ((System.Windows.Forms.Keys)((System.Windows.Forms.Keys.Alt | System.Windows.Forms.Keys.O)));  
this.tsmiOpen.Size = new System.Drawing.Size(166, 22);  
this.tsmiOpen.Text = "Open";  
this.tsmiOpen.Click += new System.EventHandler(this.tsmiOpen_Click);  
//  
// tsmiPrint  
//  
this.tsmiPrint.Enabled = false;  
this.tsmiPrint.Name = "tsmiPrint";  
this.tsmiPrint.Size = new System.Drawing.Size(166, 22);  
this.tsmiPrint.Text = "Print...";  
this.tsmiPrint.Visible = false;  
//  
// tsmiPrintPreview  
//  
this.tsmiPrintPreview.Enabled = false;  
this.tsmiPrintPreview.Name = "tsmiPrintPreview";  
this.tsmiPrintPreview.Size = new System.Drawing.Size(166, 22);  
this.tsmiPrintPreview.Text = "Print Preview...";
```

```
this.tsmiPrintPreview.Visible = false;
//
// tsmiExit
//
this.tsmiExit.Name = "tsmiExit";
this.tsmiExit.Size = new System.Drawing.Size(166, 22);
this.tsmiExit.Text = "Exit";
this.tsmiExit.Click += new System.EventHandler(this.tsmiExit_Click);
//
// helpToolStripMenuItem
//
this.helpToolStripMenuItem.DropDownItems.AddRange(new System.Windows.Forms.ToolStripItem[] {
    this.tsmiVisitWebsite,
    this.tsmiAbout});
    this.helpToolStripMenuItem.Name = "helpToolStripMenuItem";
    this.helpToolStripMenuItem.Size = new System.Drawing.Size(44, 22);
    this.helpToolStripMenuItem.Text = "Help";
//
// tsmiVisitWebsite
//
this.tsmiVisitWebsite.Name = "tsmiVisitWebsite";
this.tsmiVisitWebsite.Size = new System.Drawing.Size(152, 22);
this.tsmiVisitWebsite.Text = "Visit Website";
this.tsmiVisitWebsite.Click += new System.EventHandler(this.tsmiVisitWebsite_Click);
//
// tsmiAbout
//
this.tsmiAbout.Name = "tsmiAbout";
this.tsmiAbout.Size = new System.Drawing.Size(152, 22);
this.tsmiAbout.Text = "About";
this.tsmiAbout.Click += new System.EventHandler(this.tsmiAbout_Click);
//
// toolStrip
//
this.toolStrip.Items.AddRange(new System.Windows.Forms.ToolStripItem[] {
    this.tsbOpen,
    this.toolStripButtonSeparator1,
    this.tsbPromo,
    this.toolStripButtonSeparator2,
    this.tsbVisitWebsite});
    this.toolStrip.Location = new System.Drawing.Point(0, 24);
    this.toolStrip.Name = "toolStrip";
    this.toolStrip.Size = new System.Drawing.Size(837, 25);
    this.toolStrip.TabIndex = 7;
    this.toolStrip.Text = "toolStrip1";
//
// tsbOpen
//
this.tsbOpen.Font = new System.Drawing.Font("Tahoma", 8.25F, System.Drawing.FontStyle.Regular, System.Drawing.GraphicsUnit.Point, ((byte)(0)));
this.tsbOpen.ImageTransparentColor = System.Drawing.Color.Black;
this.tsbOpen.Name = "tsbOpen";
this.tsbOpen.Size = new System.Drawing.Size(71, 22);
this.tsbOpen.Text = "Open File...";
this.tsbOpen.Click += new System.EventHandler(this.tsbiOpen_Click);
//
// toolStripSeparator1
//
this.toolStripButtonSeparator1.Name = "toolStripSeparator1";
this.toolStripButtonSeparator1.Size = new System.Drawing.Size(6, 25)
//
```

```
// tsbPromo
//
this.tsbPromo.DisplayStyle = System.Windows.Forms.ToolStripItemDisplayStyle.Text;
this.tsbPromo.Font = new System.Drawing.Font("Tahoma", 8.25F, System.Drawing.FontStyle.Bold);
this.tsbPromo.ImageTransparentColor = System.Drawing.Color.Magenta;
this.tsbPromo.Name = "tsbPromo";
this.tsbPromo.Size = new System.Drawing.Size(320, 22);
this.tsbPromo.Text = "Developers: Check Bytescout Spreadsheet Software!";
this.tsbPromo.Click += new System.EventHandler(this.tsbPromo_Click);
//
// toolStripSeparator2
//
this.toolStripSeparator2.Name = "toolStripSeparator2";
this.toolStripSeparator2.Size = new System.Drawing.Size(6, 25);
//
// tsbVisitWebsite
//
this.tsbVisitWebsite.DisplayStyle = System.Windows.Forms.ToolStripItemDisplayStyle.Text;
this.tsbVisitWebsite.Font = new System.Drawing.Font("Tahoma", 8.25F, System.Drawing.FontStyle.Bold);
this.tsbVisitWebsite.ImageTransparentColor = System.Drawing.Color.Magenta;
this.tsbVisitWebsite.Name = "tsbVisitWebsite";
this.tsbVisitWebsite.Size = new System.Drawing.Size(84, 22);
this.tsbVisitWebsite.Text = "Visit Website";
this.tsbVisitWebsite.Click += new System.EventHandler(this.tsbVisitWebsite_Click);
//
// openFileDialog
//
this.openFileDialog.Filter = resources.GetString("openFileDialog1.Filter");
this.openFileDialog.SupportMultiDottedExtensions = true;
//
// Form1
//
this.AutoScaleDimensions = new System.Drawing.SizeF(6F, 13F);
this.AutoScaleMode = System.Windows.Forms.AutoScaleMode.Font;
this.ClientSize = new System.Drawing.Size(837, 557);
this.Controls.Add(this.lblStub);
this.Controls.Add(this.toolStrip);
this.Controls.Add(this.menuStrip1);
this.Name = "Form1";
this.Text = "Spreadsheet Viewer";
this.menuStrip1.ResumeLayout(false);
this.menuStrip1.PerformLayout();
this.toolStrip.ResumeLayout(false);
this.toolStrip.PerformLayout();
this.ResumeLayout(false);
this.PerformLayout();
}

#endif

private System.Windows.Forms.Label lblStub;
private System.Windows.Forms.MenuStrip menuStrip1;
private System.Windows.Forms.ToolStripMenuItem filesToolStripMenuItem;
private System.Windows.Forms.ToolStripMenuItem tsmiOpen;
private System.Windows.Forms.ToolStripMenuItem tsmiPrint;
private System.Windows.Forms.ToolStripMenuItem tsmiPrintPreview;
private System.Windows.Forms.ToolStripMenuItem tsmiExit;
private System.Windows.Forms.ToolStripMenuItem helpToolStripMenuItem;
private System.Windows.Forms.ToolStripMenuItem tsmiVisitWebsite;
```

```
        private System.Windows.Forms.ToolStripMenuItem tsmiAbout;
        private System.Windows.Forms.ToolStrip toolstrip;
        private System.Windows.Forms.ToolStripButton tsbOpen;
        private System.Windows.Forms.ToolStripSeparator toolStripSeparator1;
        private System.Windows.Forms.ToolStripButton tsbPromo;
        private System.Windows.Forms.ToolStripSeparator toolStripSeparator2;
        private System.Windows.Forms.ToolStripButton tsbVisitWebsite;
        private System.Windows.Forms.OpenFileDialog openFileDialog;

    }
```

Form1.cs

```
using System;
using System.IO;
using System.Text;
using System.Windows.Forms;
using Bytescout.Spreadsheet;

namespace ViewSpreadsheet
{
    public partial class Form1 : Form
    {
        private SpreadsheetControl _spreadsheetControl = null;
        private string _fileName = null;

        public Form1(string[] args)
        {
            if (args.Length > 0 && File.Exists(args[0]))
            {
                _fileName = args[0];
            }

            if (_fileName != null)
            {
                OpenFile(_fileName);
            }
        }

        InitializeComponent();

        Icon = Properties.Resources.xlsview;
    }

    private void OpenFile(string fileName)
    {
        Text = "Spreadsheet Viewer - " + fileName;

        Spreadsheet xls = new Spreadsheet();
```

```

xls.RegistrationName = "demo";
xls.RegistrationKey = "demo";

try
{
    xls.LoadFromFile(fileName);
}
catch (SpreadsheetProtectionPasswordRequired)
{
    PasswordDialog passwordDialog = new PasswordDialog();

    if (passwordDialog.ShowDialog(this) == DialogResult.OK)
    {
        xls.LoadFromFile(fileName, CacheType.Memory, "");
    }
    else
    {
        return;
    }
}

lblStub.Visible = false;

if (_spreadsheetControl == null)
{
    _spreadsheetControl = new SpreadsheetControl();
    _spreadsheetControl.Dock = DockStyle.Fill;

    Controls.Add(_spreadsheetControl);

    _spreadsheetControl.BringToFront();
    _spreadsheetControl.Focus();
}

Cursor = Cursors.WaitCursor;

try
{
    _spreadsheetControl.Spreadsheet = xls;
}
catch (Exception e)
{
    MessageBox.Show(e.ToString());
}
finally
{
    Cursor = Cursors.Default;
}

private void tsmiOpen_Click(object sender, EventArgs e)
{
    if (openFileDialog.ShowDialog() == DialogResult.OK)
    {
        OpenFile(openFileDialog.FileName);
    }
}

private void tsmiAbout_Click(object sender, EventArgs e)
{
}

```

PasswordFieldDialog.Designer.cs

```
namespace ViewSpreadsheet
{
    partial class PasswordDialog
    {
        /// <summary>
        /// Required designer variable.
        /// </summary>
        private System.ComponentModel.IContainer components = null;

        /// <summary>
        /// Clean up any resources being used.
        /// </summary>
        /// <param name="disposing">true if managed resources should be disposed; otherwise, false.</param>
        protected override void Dispose(bool disposing)
        {
            if (disposing && (components != null))
            {
                components.Dispose();
            }
            base.Dispose(disposing);
        }

        #region Windows Form Designer generated code

        /// <summary>
        /// Required method for Designer support - do not modify
        /// the contents of this method with the code editor.
        /// </summary>
```

```
private void InitializeComponent()
{
    this.textBoxPassword = new System.Windows.Forms.TextBox();
    this.label2 = new System.Windows.Forms.Label();
    this.checkBoxHide = new System.Windows.Forms.CheckBox();
    this.btnOk = new System.Windows.Forms.Button();
    this.btnCancel = new System.Windows.Forms.Button();
    this.SuspendLayout();
    //
    // textBoxPassword
    //
    this.textBoxPassword.Location = new System.Drawing.Point(79, 39);
    this.textBoxPassword.Name = "textBoxPassword";
    this.textBoxPassword.Size = new System.Drawing.Size(168, 22);
    this.textBoxPassword.TabIndex = 1;
    //
    // label2
    //
    this.label2.AutoSize = true;
    this.label2.Location = new System.Drawing.Point(4, 42);
    this.label2.Name = "label2";
    this.label2.Size = new System.Drawing.Size(73, 17);
    this.label2.TabIndex = 2;
    this.label2.Text = "Password:";
    //
    // checkBoxHide
    //
    this.checkBoxHide.AutoSize = true;
    this.checkBoxHide.Location = new System.Drawing.Point(7, 12);
    this.checkBoxHide.Name = "checkBoxHide";
    this.checkBoxHide.Size = new System.Drawing.Size(123, 21);
    this.checkBoxHide.TabIndex = 3;
    this.checkBoxHide.Text = "Hide password";
    this.checkBoxHide.UseVisualStyleBackColor = true;
    this.checkBoxHide.CheckedChanged += new System.EventHandler(this.checkBoxHide_CheckedChanged);
    //
    // btnOk
    //
    this.btnOk.DialogResult = System.Windows.Forms.DialogResult.OK;
    this.btnOk.Location = new System.Drawing.Point(91, 67);
    this.btnOk.Name = "btnOk";
    this.btnOk.Size = new System.Drawing.Size(75, 23);
    this.btnOk.TabIndex = 4;
    this.btnOk.Text = "Ok";
    this.btnOk.UseVisualStyleBackColor = true;
    this.btnOk.Click += new System.EventHandler(this.btnOk_Click);
    //
    // btnCancel
    //
    this.btnCancel.DialogResult = System.Windows.Forms.DialogResult.Cancel;
    this.btnCancel.Location = new System.Drawing.Point(172, 67);
    this.btnCancel.Name = "btnCancel";
    this.btnCancel.Size = new System.Drawing.Size(75, 23);
    this.btnCancel.TabIndex = 5;
    this.btnCancel.Text = "Cancel";
    this.btnCancel.UseVisualStyleBackColor = true;
    this.btnCancel.Click += new System.EventHandler(this.btnCancel_Click);
    //
    // PasswordDialog
    //
}
```

```

        this.AcceptButton = this.btnOk;
        this.AutoScaleDimensions = new System.Drawing.SizeF(8F, 16F);
        this.AutoScaleMode = System.Windows.Forms.AutoScaleMode.Font;
        this.CancelButton = this.btnCancel;
        this.ClientSize = new System.Drawing.Size(255, 98);
        this.Controls.Add(this.btnCancel);
        this.Controls.Add(this.btnOk);
        this.Controls.Add(this.checkBoxHide);
        this.Controls.Add(this.label2);
        this.Controls.Add(this.textBoxPassword);
        this.FormBorderStyle = System.Windows.Forms.FormBorderStyle.FixedDialog;
        this.MaximizeBox = false;
        this.MinimizeBox = false;
        this.Name = "PasswordDialog";
        this.SizeGripStyle = System.Windows.Forms.SizeGripStyle.Hide;
        this.StartPosition = System.Windows.Forms.FormStartPosition.CenterParent;
        this.Text = "Please enter a password";
        this.ResumeLayout(false);
        this.PerformLayout();

    }

}

#endregion

private System.Windows.Forms.TextBox textBoxPassword;
private System.Windows.Forms.Label label2;
private System.Windows.Forms.CheckBox checkBoxHide;
private System.Windows.Forms.Button btnOk;
private System.Windows.Forms.Button btnCancel;
}
}

```

PasswordField.cs

```

using System;
using System.Windows.Forms;

namespace ViewSpreadsheet
{
    public partial class PasswordDialog : Form
    {
        public PasswordDialog()
        {
            InitializeComponent();
        }

        public string Password
        {
            get { return textBoxPassword.Text; }
        }
    }
}

```

```
private void btnOk_Click(object sender, EventArgs e)
{
    //DialogResult = DialogResult.OK;
    //Close();
}

private void btnCancel_Click(object sender, EventArgs e)
{
}

private void checkBoxHide_CheckedChanged(object sender, EventArgs e)
{
    if (checkBoxHide.Checked)
        textBoxPassword.PasswordChar = '*';
    else
        textBoxPassword.PasswordChar = '\0';
}
}
```

Program.cs

```
using System;
using System.Windows.Forms;

namespace ViewSpreadsheet
{
    static class Program
    {
        /// <summary>
        /// The main entry point for the application.
        /// </summary>
        [STAThread]
        static void Main(string[] args)
        {
            Application.EnableVisualStyles();
            Application.SetCompatibleTextRenderingDefault(false);

            Application.Run(new Form1(args));
        }
    }
}
```

VIDEO

<https://www.youtube.com/watch?v=NEwNs2b9YN8>

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