# Namespace ASE_Assignment

## Classes

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Class that implements the ICanvas interface to draw on a canvas

[AppCommandFactory](#)

Class that creates commands for app

[AppTri](#)

The command used to draw a triangle on the canvas

[Form1](#)

Creates the form for the program

# Class AppCanvas

Namespace: [ASE_Assignment](#)

Assembly: ASE Assignment.dll

Class that implements the ICanvas interface to draw on a canvas

```
public class AppCanvas : ICanvas
```

**Inheritance**

[object](#) ← AppCanvas

**Implements**

ICanvas

**Inherited Members**

[object.Equals(object)](#) , [object.Equals(object, object)](#) , [object.GetHashCode()](#) , [object.GetType()](#) , [object.MemberwiseClone()](#) , [object.ReferenceEquals(object, object)](#) , [object.ToString()](#)

# Constructors

## AppCanvas()

constructor that sets the size of the Canvas

```
public AppCanvas()
```

# Fields

## xPos

Defines the current position of the pen

```
public int xPos
```

### Field Value

[int ↗](#)

## yPos

Defines the current position of the pen

```
public int yPos
```

## Field Value

[int ↗](#)

# Properties

## PenColour

Returns the pen colour

```
public object PenColour { get; set; }
```

## Property Value

[object ↗](#)

## Xpos

Sets the X position variable

```
public int Xpos { get; set; }
```

## Property Value

[int ↗](#)

## Ypos

Sets the Y position variable

```
public int Ypos { get; set; }
```

## Property Value

[int](#)

## radius

Sets the radius variable

```
public int radius { get; set; }
```

## Property Value

[int](#)

# Methods

## Circle(int, bool)

Draws a circle on the canvas

```
public void Circle(int radius, bool filled)
```

## Parameters

`radius` [int](#)

`filled` [bool](#)

## Exceptions

CanvasException

# Clear()

Clears the canvas

```
public void Clear()
```

# DrawTo(int, int)

Draws a line on the canvas from the current position to the specified position

```
public void DrawTo(int toX, int toY)
```

## Parameters

toX int↗

toY int↗

## Exceptions

CanvasException

# MoveTo(int, int)

Moves the pen to the specified position on the canvas

```
public void MoveTo(int x, int y)
```

## Parameters

x int↗

y int↗

## Exceptions

CanvasException

# Rect(int, int, bool)

Draws a rectangle on the canvas

```
public void Rect(int width, int height, bool filled)
```

## Parameters

width int⧉

height int⧉

filled bool⧉

## Exceptions

NotImplementedException⧉

# Reset()

Resets the pen position to 0,0

```
public void Reset()
```

# Set(int, int)

Sets the size of the canvas

```
public void Set(int xsize, int ysize)
```

## Parameters

xsize int⧉

ysize int⧉

# SetColour(int, int, int)

Sets the colour of the pen

```
public void SetColour(int red, int green, int blue)
```

## Parameters

red int↗

green int↗

blue int↗

## Exceptions

CanvasException

# Tri(int, int)

Draws a triangle on the canvas

```
public void Tri(int width, int height)
```

## Parameters

width int↗

height int↗

## Exceptions

NotImplementedException↗

# WriteText(string)

Writes text on the canvas using the current pen colour

```
public void WriteText(string text)
```

## Parameters

text string↗

## Exceptions

NotImplementedException↗

# getBitmap()

Returns the bitmap of the canvas

```
public object getBitmap()
```

## Returns

object↗

Returns the bitmap "bm"

# Class AppCommandFactory

Namespace: [ASE_Assignment](#)

Assembly: ASE Assignment.dll

Class that creates commands for app

```
public class AppCommandFactory : CommandFactory, ICommandFactory
```

**Inheritance**

[object](#) ← CommandFactory ← AppCommandFactory

**Implements**

ICommandFactory

**Inherited Members**

[object.Equals(object)](#) , [object.Equals(object, object)](#) , [object.GetHashCode()](#) , [object.GetType()](#) ,
[object.MemberwiseClone()](#) , [object.ReferenceEquals(object, object)](#) , [object.ToString()](#)

# Constructors

## AppCommandFactory(ICanvas)

Creates a command based on the command type

```
public AppCommandFactory(ICanvas canvas)
```

## Parameters

`canvas` ICanvas

# Methods

## MakeCommand(string)

A Command is 'Made' based on the command type

```
public override ICommand MakeCommand(string commandType)
```

## Parameters

commandType [string](#)

## Returns

ICommand

# Class AppTri

Namespace: ASE_Assignment

Assembly: ASE Assignment.dll

The command used to draw a triangle on the canvas

```
public class AppTri : ICommand
```

**Inheritance**

object ⬈ ← AppTri

**Implements**

ICommand

**Inherited Members**

object.Equals(object)⬈ , object.Equals(object, object)⬈ , object.GetHashCode()⬈ , object.GetType()⬈ ,
object.MemberwiseClone()⬈ , object.ReferenceEquals(object, object)⬈ , object.ToString()⬈

# Constructors

## AppTri(ICanvas, int, int)

Creates a new instance of the AppTriangle class

```
public AppTri(ICanvas canvas, int width, int height)
```

## Parameters

`canvas` ICanvas

`width` int⬈

`height` int⬈

# Fields

# height

Defines the height of the triangle

```
public int height
```

## Field Value

[int](#)

# width

Defines the width of the triangle

```
public int width
```

## Field Value

[int](#)

# Methods

## CheckParameters(string[])

Checks the parameters for the Tri command

```
public void CheckParameters(string[] parameters)
```

## Parameters

parameters [string](#) []

## Exceptions

[ArgumentException](#)

# Compile()

Compiles the 'Tri' command

```
public void Compile()
```

# Execute()

Executes the 'Tri' command

```
public void Execute()
```

# Set(StoredProgram, string)

Sets parameters for the 'Tri' command

```
public void Set(StoredProgram Program, string Params)
```

## Parameters

`Program` StoredProgram

`Params` string⬈

# Class Form1

Namespace: [ASE_Assignment](#)

Assembly: ASE Assignment.dll

Creates the form for the program

```
public class Form1 : Form, IDropTarget, ISynchronizeInvoke, IWin32Window,
IBindableComponent, IComponent, IDisposable, IContainerControl
```

**Inheritance**

[object](#) ← [MarshalByRefObject](#) ← [Component](#) ← [Control](#) ← [ScrollableControl](#) ←
[ContainerControl](#) ← [Form](#) ← Form1

**Implements**

[IDropTarget](#), [ISynchronizeInvoke](#), [IWin32Window](#), [IBindableComponent](#), [IComponent](#),
[IDisposable](#), [IContainerControl](#)

**Inherited Members**

[Form.SetVisibleCore(bool)](#) , [Form.Activate()](#) , [Form.ActivateMdiChild(Form)](#) ,
[Form.AddOwnedForm(Form)](#) , [Form.AdjustFormScrollbars(bool)](#) , [Form.Close()](#) ,
[Form.CreateAccessibilityInstance()](#) , [Form.CreateControlsInstance()](#) , [Form.CreateHandle()](#) ,
[Form.DefWndProc(ref Message)](#) , [Form.ProcessMnemonic(char)](#) , [Form.CenterToParent()](#) ,
[Form.CenterToScreen()](#) , [Form.LayoutMdi(MdiLayout)](#) , [Form.OnActivated(EventArgs)](#) ,
[Form.OnBackgroundImageChanged(EventArgs)](#) ,
[Form.OnBackgroundImageLayoutChanged(EventArgs)](#) , [Form.OnClosing(CancelEventArgs)](#) ,
[Form.OnClosed(EventArgs)](#) , [Form.OnFormClosing(FormClosingEventArgs)](#) ,
[Form.OnFormClosed(FormClosedEventArgs)](#) , [Form.OnCreateControl()](#) ,
[Form.OnDeactivate(EventArgs)](#) , [Form.OnEnabledChanged(EventArgs)](#) , [Form.OnEnter(EventArgs)](#) ,
[Form.OnFontChanged(EventArgs)](#) , [Form.OnGotFocus(EventArgs)](#) ,
[Form.OnHandleCreated(EventArgs)](#) , [Form.OnHandleDestroyed(EventArgs)](#) ,
[Form.OnHelpButtonClicked(CancelEventArgs)](#) , [Form.OnLayout(LayoutEventArgs)](#) ,
[Form.OnLoad(EventArgs)](#) , [Form.OnMaximizedBoundsChanged(EventArgs)](#) ,
[Form.OnMaximumSizeChanged(EventArgs)](#) , [Form.OnMinimumSizeChanged(EventArgs)](#) ,
[Form.OnInputLanguageChanged(InputLanguageChangedEventArgs)](#) ,
[Form.OnInputLanguageChanging(InputLanguageChangingEventArgs)](#) ,
[Form.OnVisibleChanged(EventArgs)](#) , [Form.OnMdiChildActivate(EventArgs)](#) ,
[Form.OnMenuStart(EventArgs)](#) , [Form.OnMenuComplete(EventArgs)](#) ,
[Form.OnPaint(PaintEventArgs)](#) , [Form.OnResize(EventArgs)](#) ,
[Form.OnDpiChanged(DpiChangedEventArgs)](#) , [Form.OnGetDpiScaledSize(int, int, ref Size)](#) ,

Form.OnRightToLeftLayoutChanged(EventArgs) , Form.OnShown(EventArgs) ,
Form.OnTextChanged(EventArgs) , Form.ProcessCmdKey(ref Message, Keys) ,
Form.ProcessDialogKey(Keys) , Form.ProcessDialogChar(char) ,
Form.ProcessKeyPreview(ref Message) , Form.ProcessTabKey(bool) ,
Form.RemoveOwnedForm(Form) , Form.Select(bool, bool) ,
Form.ScaleMinMaxSize(float, float, bool) ,
Form.GetScaledBounds(Rectangle, SizeF, BoundsSpecified) ,
Form.ScaleControl(SizeF, BoundsSpecified) , Form.SetBoundsCore(int, int, int, int, BoundsSpecified) ,
Form.SetClientSizeCore(int, int) , Form.SetDesktopBounds(int, int, int, int) ,
Form.SetDesktopLocation(int, int) , Form.Show(IWin32Window) , Form.ShowDialog() ,
Form.ShowDialog(IWin32Window) , Form.ToString() , Form.UpdateDefaultButton() ,
Form.OnResizeBegin(EventArgs) , Form.OnResizeEnd(EventArgs) ,
Form.OnStyleChanged(EventArgs) , Form.ValidateChildren() ,
Form.ValidateChildren(ValidationConstraints) , Form.WndProc(ref Message) , Form.AcceptButton ,
Form.ActiveForm , Form.ActiveMdiChild , Form.AllowTransparency , Form.AutoScroll ,
Form.AutoSize , Form.AutoSizeMode , Form.AutoValidate , Form.BackColor ,
Form.FormBorderStyle , Form.CancelButton , Form.ClientSize , Form.ControlBox ,
Form.CreateParams , Form.DefaultImeMode , Form.DefaultSize , Form.DesktopBounds ,
Form.DesktopLocation , Form.DialogResult , Form.HelpButton , Form.Icon , Form.IsMdiChild ,
Form.IsMdiContainer , Form.IsRestrictedWindow , Form.KeyPreview , Form.Location ,
Form.MaximizedBounds , Form.MaximumSize , Form.MainMenuStrip , Form.MinimumSize ,
Form.MaximizeBox , Form.MdiChildren , Form.MdiChildrenMinimizedAnchorBottom ,
Form.MdiParent , Form.MinimizeBox , Form.Modal , Form.Opacity , Form.OwnedForms ,
Form.Owner , Form.RestoreBounds , Form.RightToLeftLayout , Form.ShowInTaskbar ,
Form.ShowIcon , Form.ShowWithoutActivation , Form.Size , Form.SizeGripStyle ,
Form.StartPosition , Form.Text , Form.TopLevel , Form.TopMost , Form.TransparencyKey ,
Form.WindowState , Form.AutoSizeChanged , Form.AutoValidateChanged ,
Form.HelpButtonClicked , Form.MaximizedBoundsChanged , Form.MaximumSizeChanged ,
Form.MinimumSizeChanged , Form.Activated , Form.Deactivate , Form.FormClosing ,
Form.FormClosed , Form.Load , Form.MdiChildActivate , Form.MenuComplete ,
Form.MenuStart , Form.InputLanguageChanged , Form.InputLanguageChanging ,
Form.RightToLeftLayoutChanged , Form.Shown , Form.DpiChanged , Form.ResizeBegin ,
Form.ResizeEnd , ContainerControl.OnAutoValidateChanged(EventArgs) ,
ContainerControl.OnMove(EventArgs) , ContainerControl.OnParentChanged(EventArgs) ,
ContainerControl.PerformAutoScale() , ContainerControl.RescaleConstantsForDpi(int, int) ,
ContainerControl.Validate() , ContainerControl.Validate(bool) ,
ContainerControl.AutoScaleDimensions , ContainerControl.AutoScaleFactor ,
ContainerControl.AutoScaleMode , ContainerControl.BindingContext ,
ContainerControl.CanEnableIme , ContainerControl.ActiveControl ,
ContainerControl.CurrentAutoScaleDimensions , ContainerControl.ParentForm ,

ScrollableControl.ScrollStateAutoScrolling⊡ , ScrollableControl.ScrollStateHScrollVisible⊡ ,
ScrollableControl.ScrollStateVScrollVisible⊡ , ScrollableControl.ScrollStateUserHasScrolled⊡ ,
ScrollableControl.ScrollStateFullDrag⊡ , ScrollableControl.GetScrollState(int)⊡ ,
ScrollableControl.OnMouseWheel(MouseEventArgs)⊡ ,
ScrollableControl.OnRightToLeftChanged(EventArgs)⊡ ,
ScrollableControl.OnPaintBackground(PaintEventArgs)⊡ ,
ScrollableControl.OnPaddingChanged(EventArgs)⊡ , ScrollableControl.SetDisplayRectLocation(int, int)⊡ ,
ScrollableControl.ScrollControlIntoView(Control)⊡ , ScrollableControl.ScrollToControl(Control)⊡ ,
ScrollableControl.OnScroll(ScrollEventArgs)⊡ , ScrollableControl.SetAutoScrollMargin(int, int)⊡ ,
ScrollableControl.SetScrollState(int, bool)⊡ , ScrollableControl.AutoScrollMargin⊡ ,
ScrollableControl.AutoScrollPosition⊡ , ScrollableControl.AutoScrollMinSize⊡ ,
ScrollableControl.DisplayRectangle⊡ , ScrollableControl.HScroll⊡ , ScrollableControl.HorizontalScroll⊡ ,
ScrollableControl.VScroll⊡ , ScrollableControl.VerticalScroll⊡ , ScrollableControl.Scroll⊡ ,
Control.GetAccessibilityObjectById(int)⊡ , Control.SetAutoSizeMode(AutoSizeMode)⊡ ,
Control.GetAutoSizeMode()⊡ , Control.GetPreferredSize(Size)⊡ ,
Control.AccessibilityNotifyClients(AccessibleEvents, int)⊡ ,
Control.AccessibilityNotifyClients(AccessibleEvents, int, int)⊡ , Control.BeginInvoke(Delegate)⊡ ,
Control.BeginInvoke(Action)⊡ , Control.BeginInvoke(Delegate, params object[])⊡ ,
Control.BringToFront()⊡ , Control.Contains(Control)⊡ , Control.CreateGraphics()⊡ ,
Control.CreateControl()⊡ , Control.DestroyHandle()⊡ , Control.DoDragDrop(object, DragDropEffects)⊡ ,
Control.DoDragDrop(object, DragDropEffects, Bitmap, Point, bool)⊡ ,
Control.DrawToBitmap(Bitmap, Rectangle)⊡ , Control.EndInvoke(IAsyncResult)⊡ , Control.FindForm()⊡ ,
Control.GetTopLevel()⊡ , Control.RaiseKeyEvent(object, KeyEventArgs)⊡ ,
Control.RaiseMouseEvent(object, MouseEventArgs)⊡ , Control.Focus()⊡ ,
Control.FromChildHandle(nint)⊡ , Control.FromHandle(nint)⊡ ,
Control.GetChildAtPoint(Point, GetChildAtPointSkip)⊡ , Control.GetChildAtPoint(Point)⊡ ,
Control.GetContainerControl()⊡ , Control.GetNextControl(Control, bool)⊡ ,
Control.GetStyle(ControlStyles)⊡ , Control.Hide()⊡ , Control.InitLayout()⊡ , Control.Invalidate(Region)⊡ ,
Control.Invalidate(Region, bool)⊡ , Control.Invalidate()⊡ , Control.Invalidate(bool)⊡ ,
Control.Invalidate(Rectangle)⊡ , Control.Invalidate(Rectangle, bool)⊡ , Control.Invoke(Action)⊡ ,
Control.Invoke(Delegate)⊡ , Control.Invoke(Delegate, params object[])⊡ ,
Control.Invoke<T>(Func<T>)⊡ , Control.InvokePaint(Control, PaintEventArgs)⊡ ,
Control.InvokePaintBackground(Control, PaintEventArgs)⊡ , Control.IsKeyLocked(Keys)⊡ ,
Control.IsInputChar(char)⊡ , Control.IsInputKey(Keys)⊡ , Control.IsMnemonic(char, string)⊡ ,
Control.LogicalToDeviceUnits(int)⊡ , Control.LogicalToDeviceUnits(Size)⊡ ,
Control.ScaleBitmapLogicalToDevice(ref Bitmap)⊡ , Control.NotifyInvalidate(Rectangle)⊡ ,
Control.InvokeOnClick(Control, EventArgs)⊡ , Control.OnAutoSizeChanged(EventArgs)⊡ ,
Control.OnBackColorChanged(EventArgs)⊡ , Control.OnBindingContextChanged(EventArgs)⊡ ,
Control.OnCausesValidationChanged(EventArgs)⊡ , Control.OnContextMenuStripChanged(EventArgs)⊡ ,
Control.OnCursorChanged(EventArgs)⊡ , Control.OnDataContextChanged(EventArgs)⊡ ,

Control.OnDockChanged(EventArgs)☑ , Control.OnForeColorChanged(EventArgs)☑ ,
Control.OnNotifyMessage(Message)☑ , Control.OnParentBackColorChanged(EventArgs)☑ ,
Control.OnParentBackgroundImageChanged(EventArgs)☑ ,
Control.OnParentBindingContextChanged(EventArgs)☑ , Control.OnParentCursorChanged(EventArgs)☑ ,
Control.OnParentDataContextChanged(EventArgs)☑ , Control.OnParentEnabledChanged(EventArgs)☑ ,
Control.OnParentFontChanged(EventArgs)☑ , Control.OnParentForeColorChanged(EventArgs)☑ ,
Control.OnParentRightToLeftChanged(EventArgs)☑ , Control.OnParentVisibleChanged(EventArgs)☑ ,
Control.OnPrint(PaintEventArgs)☑ , Control.OnTabIndexChanged(EventArgs)☑ ,
Control.OnTabStopChanged(EventArgs)☑ , Control.OnClick(EventArgs)☑ ,
Control.OnClientSizeChanged(EventArgs)☑ , Control.OnControlAdded(ControlEventArgs)☑ ,
Control.OnControlRemoved(ControlEventArgs)☑ , Control.OnLocationChanged(EventArgs)☑ ,
Control.OnDoubleClick(EventArgs)☑ , Control.OnDragEnter(DragEventArgs)☑ ,
Control.OnDragOver(DragEventArgs)☑ , Control.OnDragLeave(EventArgs)☑ ,
Control.OnDragDrop(DragEventArgs)☑ , Control.OnGiveFeedback(GiveFeedbackEventArgs)☑ ,
Control.InvokeGotFocus(Control, EventArgs)☑ , Control.OnHelpRequested(HelpEventArgs)☑ ,
Control.OnInvalidated(InvalidateEventArgs)☑ , Control.OnKeyDown(KeyEventArgs)☑ ,
Control.OnKeyPress(KeyPressEventArgs)☑ , Control.OnKeyUp(KeyEventArgs)☑ ,
Control.OnLeave(EventArgs)☑ , Control.InvokeLostFocus(Control, EventArgs)☑ ,
Control.OnLostFocus(EventArgs)☑ , Control.OnMarginChanged(EventArgs)☑ ,
Control.OnMouseDoubleClick(MouseEventArgs)☑ , Control.OnMouseClick(MouseEventArgs)☑ ,
Control.OnMouseCaptureChanged(EventArgs)☑ , Control.OnMouseDown(MouseEventArgs)☑ ,
Control.OnMouseEnter(EventArgs)☑ , Control.OnMouseLeave(EventArgs)☑ ,
Control.OnDpiChangedBeforeParent(EventArgs)☑ , Control.OnDpiChangedAfterParent(EventArgs)☑ ,
Control.OnMouseHover(EventArgs)☑ , Control.OnMouseMove(MouseEventArgs)☑ ,
Control.OnMouseUp(MouseEventArgs)☑ ,
Control.OnQueryContinueDrag(QueryContinueDragEventArgs)☑ ,
Control.OnRegionChanged(EventArgs)☑ , Control.OnPreviewKeyDown(PreviewKeyDownEventArgs)☑ ,
Control.OnSizeChanged(EventArgs)☑ , Control.OnChangeUICues(UICuesEventArgs)☑ ,
Control.OnSystemColorsChanged(EventArgs)☑ , Control.OnValidating(CancelEventArgs)☑ ,
Control.OnValidated(EventArgs)☑ , Control.PerformLayout()☑ , Control.PerformLayout(Control, string)☑ ,
Control.PointToClient(Point)☑ , Control.PointToScreen(Point)☑ ,
Control.PreProcessMessage(ref Message)☑ , Control.PreProcessControlMessage(ref Message)☑ ,
Control.ProcessKeyEventArgs(ref Message)☑ , Control.ProcessKeyMessage(ref Message)☑ ,
Control.RaiseDragEvent(object, DragEventArgs)☑ , Control.RaisePaintEvent(object, PaintEventArgs)☑ ,
Control.RecreateHandle()☑ , Control.RectangleToClient(Rectangle)☑ ,
Control.RectangleToScreen(Rectangle)☑ , Control.ReflectMessage(nint, ref Message)☑ ,
Control.Refresh()☑ , Control.ResetMouseEventArgs()☑ , Control.ResetText()☑ , Control.ResumeLayout()☑ ,
Control.ResumeLayout(bool)☑ , Control.Scale(SizeF)☑ , Control.Select()☑ ,
Control.SelectNextControl(Control, bool, bool, bool, bool)☑ , Control.SendToBack()☑ ,
Control.SetBounds(int, int, int, int)☑ , Control.SetBounds(int, int, int, int, BoundsSpecified)☑ ,

Control.SizeFromClientSize(Size) , Control.SetStyle(ControlStyles, bool) , Control.SetTopLevel(bool) ,
Control.RtlTranslateAlignment(HorizontalAlignment) ,
Control.RtlTranslateAlignment(LeftRightAlignment) ,
Control.RtlTranslateAlignment(ContentAlignment) ,
Control.RtlTranslateHorizontal(HorizontalAlignment) ,
Control.RtlTranslateLeftRight(LeftRightAlignment) , Control.RtlTranslateContent(ContentAlignment) ,
Control.Show() , Control.SuspendLayout() , Control.Update() , Control.UpdateBounds() ,
Control.UpdateBounds(int, int, int, int) , Control.UpdateBounds(int, int, int, int, int, int) ,
Control.UpdateZOrder() , Control.UpdateStyles() , Control.OnImeModeChanged(EventArgs) ,
Control.AccessibilityObject , Control.AccessibleDefaultActionDescription ,
Control.AccessibleDescription , Control.AccessibleName , Control.AccessibleRole ,
Control.AllowDrop , Control.Anchor , Control.AutoScrollOffset , Control.LayoutEngine ,
Control.DataContext , Control.BackgroundImage , Control.BackgroundImageLayout ,
Control.Bottom , Control.Bounds , Control.CanFocus , Control.CanRaiseEvents ,
Control.CanSelect , Control.Capture , Control.CausesValidation ,
Control.CheckForIllegalCrossThreadCalls , Control.ClientRectangle , Control.CompanyName ,
Control.ContainsFocus , Control.ContextMenuStrip , Control.Controls , Control.Created ,
Control.Cursor , Control.DataBindings , Control.DefaultBackColor , Control.DefaultCursor ,
Control.DefaultFont , Control.DefaultForeColor , Control.DefaultMargin ,
Control.DefaultMaximumSize , Control.DefaultMinimumSize , Control.DefaultPadding ,
Control.DeviceDpi , Control.IsDisposed , Control.Disposing , Control.Dock ,
Control.DoubleBuffered , Control.Enabled , Control.Focused , Control.Font ,
Control.FontHeight , Control.ForeColor , Control.Handle , Control.HasChildren , Control.Height ,
Control.IsHandleCreated , Control.InvokeRequired , Control.IsAccessible ,
Control.IsAncestorSiteInDesignMode , Control.IsMirrored , Control.Left , Control.Margin ,
Control.ModifierKeys , Control.MouseButtons , Control.MousePosition , Control.Name ,
Control.Parent , Control.ProductName , Control.ProductVersion , Control.RecreatingHandle ,
Control.Region , Control.RenderRightToLeft , Control.ResizeRedraw , Control.Right ,
Control.RightToLeft , Control.ScaleChildren , Control.Site , Control.TabIndex , Control.TabStop ,
Control.Tag , Control.Top , Control.TopLevelControl , Control.ShowKeyboardCues ,
Control.ShowFocusCues , Control.UseWaitCursor , Control.Visible , Control.Width ,
Control.PreferredSize , Control.Padding , Control.ImeMode , Control.ImeModeBase ,
Control.PropagatingImeMode , Control.BackColorChanged , Control.BackgroundImageChanged ,
Control.BackgroundImageLayoutChanged , Control.BindingContextChanged ,
Control.CausesValidationChanged , Control.ClientSizeChanged ,
Control.ContextMenuStripChanged , Control.CursorChanged , Control.DockChanged ,
Control.EnabledChanged , Control.FontChanged , Control.ForeColorChanged ,
Control.LocationChanged , Control.MarginChanged , Control.RegionChanged ,
Control.RightToLeftChanged , Control.SizeChanged , Control.TabIndexChanged ,
Control.TabStopChanged , Control.TextChanged , Control.VisibleChanged , Control.Click ,

Control.ControlAdded⬓ , Control.ControlRemoved⬓ , Control.DataContextChanged⬓ , Control.DragDrop⬓ , Control.DragEnter⬓ , Control.DragOver⬓ , Control.DragLeave⬓ , Control.GiveFeedback⬓ , Control.HandleCreated⬓ , Control.HandleDestroyed⬓ , Control.HelpRequested⬓ , Control.Invalidated⬓ , Control.PaddingChanged⬓ , Control.Paint⬓ , Control.QueryContinueDrag⬓ , Control.QueryAccessibilityHelp⬓ , Control.DoubleClick⬓ , Control.Enter⬓ , Control.GotFocus⬓ , Control.KeyDown⬓ , Control.KeyPress⬓ , Control.KeyUp⬓ , Control.Layout⬓ , Control.Leave⬓ , Control.LostFocus⬓ , Control.MouseClick⬓ , Control.MouseDoubleClick⬓ , Control.MouseCaptureChanged⬓ , Control.MouseDown⬓ , Control.MouseEnter⬓ , Control.MouseLeave⬓ , Control.DpiChangedBeforeParent⬓ , Control.DpiChangedAfterParent⬓ , Control.MouseHover⬓ , Control.MouseMove⬓ , Control.MouseUp⬓ , Control.MouseWheel⬓ , Control.Move⬓ , Control.PreviewKeyDown⬓ , Control.Resize⬓ , Control.ChangeUICues⬓ , Control.StyleChanged⬓ , Control.SystemColorsChanged⬓ , Control.Validating⬓ , Control.Validated⬓ , Control.ParentChanged⬓ , Control.ImeModeChanged⬓ , Component.Dispose()⬓ , Component.GetService(Type)⬓ , Component.Container⬓ , Component.DesignMode⬓ , Component.Events⬓ , Component.Disposed⬓ , MarshalByRefObject.GetLifetimeService()⬓ , MarshalByRefObject.InitializeLifetimeService()⬓ , MarshalByRefObject.MemberwiseClone(bool)⬓ , object.Equals(object)⬓ , object.Equals(object, object)⬓ , object.GetHashCode()⬓ , object.GetType()⬓ , object.MemberwiseClone()⬓ , object.ReferenceEquals(object, object)⬓

# Constructors

## Form1()

The form constructor

```
public Form1()
```

# Methods

## Dispose(bool)

Clean up any resources being used.

```
protected override void Dispose(bool disposing)
```

### Parameters

`disposing` [bool](#)⧉

true if managed resources should be disposed; otherwise, false.