

Namespace BOOSEapp

Classes

[AppCanvas](#)

Provides a drawing canvas for basic graphics operations such as lines, shapes, and text.

[AppCircle](#)

Represents a command to draw a circle on the canvas with a specified radius.

[AppCommandFactory](#)

Factory for creating BOOSE command instances based on command type strings.

[AppRect](#)

Represents a command to draw a rectangle on the canvas with specified width and height.

[BOOSEappForm](#)

The main form for the BOOSE application, providing the user interface and event handling.

Interfaces

[IAppCanvas](#)

Interface for a drawing canvas that extends the ICanvas functionality. (Currently no additional members are defined.)

Class AppCanvas

Namespace: [BOOSEapp](#)

Assembly: BOOSEapp.dll

Provides a drawing canvas for basic graphics operations such as lines, shapes, and text.

```
public class AppCanvas : IAppCanvas, ICanvas
```

Inheritance

[object](#) ← AppCanvas

Implements

[IAppCanvas](#), [ICanvas](#)

Inherited Members

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

Constructors

AppCanvas(int, int)

Initializes a new instance of the [AppCanvas](#) class with the specified dimensions.

```
public AppCanvas(int width, int height)
```

Parameters

width [int](#)

The width of the canvas, in pixels. Must be a positive integer.

height [int](#)

The height of the canvas, in pixels. Must be a positive integer.

Remarks

This constructor creates a blank canvas with the specified dimensions and initializes a default pen with the color black, and a bitmap of the same width and height. The initial drawing position is set to (0, 0).

Properties

PenColour

Gets or sets the color of the pen used for drawing.

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

Property Value

[object](#)

Xpos

Gets or sets the current X position for drawing operations.

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

Property Value

[int](#)

Ypos

Gets or sets the current Y position for drawing operations.

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

Property Value

[int](#)

Methods

Circle(int, bool)

Draws a circle at the current position (centre at Xpos, Ypos) with the specified radius.

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

Parameters

radius [int](#)

The radius of the circle, in pixels.

filled [bool](#)

Indicates whether the circle should be filled. (Currently not implemented)

Clear()

Clears the canvas, filling it with white.

```
public void Clear()
```

DrawTo(int, int)

Draws a line from the current position to the specified coordinates. The current position remains unchanged.

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

Parameters

x [int](#)

The X coordinate to draw to.

y [int](#)

The Y coordinate to draw to.

MoveTo(int, int)

Moves the cursor to the specified coordinates.

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

Parameters

x [int](#)

The new X position.

y [int](#)

The new Y position.

Rect(int, int, bool)

Draws a rectangle at the current position with the specified dimensions. Cursor at top-left corner of rectangle.

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

Parameters

width [int](#)

The width of the rectangle, in pixels.

height [int](#)

The height of the rectangle, in pixels.

filled [bool](#)

Indicates whether the rectangle should be filled. (Currently not implemented)

Reset()

Resets the drawing position to (0, 0) and the pen color to black.

```
public void Reset()
```

Set(int, int)

Sets the resolution of the canvas and resizes the active form.

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

Parameters

width [int](#)

The width of the canvas, in pixels.

height [int](#)

The height of the canvas, in pixels.

SetColour(int, int, int)

Sets the color of the pen using RGB values.

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

Parameters

red [int](#)

The red component (0-255).

green [int](#)

The green component (0-255).

blue [int](#)

The blue component (0-255).

Tri(int, int)

Draws a triangle at the current position with the specified width and height.

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

Parameters

width [int](#)

The width of the triangle, in pixels.

height [int](#)

The height of the triangle, in pixels.

WriteText(string)

Draws the specified text at the current position.

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

Parameters

text [string](#)

The text to draw.

getBitmap()

Gets the underlying bitmap representing the canvas.

```
public object getBitmap()
```

Returns

[object](#)

The [Bitmap](#) object of the canvas.

Class AppCircle


Namespace: [BOOSEapp](#)

Assembly: BOOSEapp.dll

Represents a command to draw a circle on the canvas with a specified radius.

```
public class AppCircle : CommandOneParameter, ICommand
```










Inheritance

[object](#)  ← [Command](#) ← [CanvasCommand](#) ← [CommandOneParameter](#) ← [AppCircle](#)

Implements

[ICommand](#)

Inherited Members

[CommandOneParameter.param1](#) , [CommandOneParameter.param1unprocessed](#) ,
[CommandOneParameter.CheckParameters\(string\[\]\)](#)  , [CanvasCommand.yPos](#) , [CanvasCommand.xPos](#) ,
[CanvasCommand.canvas](#) , [CanvasCommand.Canvas](#) , [Command.IsDouble](#) , [Command.program](#) ,
[Command.parameterList](#) , [Command.parameters](#) , [Command.paramsint](#) ,
[Command.Set\(StoredProgram, string\)](#)  , [Command.Compile\(\)](#) , [Command.ProcessParameters\(string\)](#)  ,
[Command.ToString\(\)](#) , [Command.Program](#) , [Command.Name](#) , [Command.ParameterList](#) ,
[Command.Parameters](#) , [Command.Paramsint](#) , [object.Equals\(object\)](#)  , [object.Equals\(object, object\)](#)  ,
[object.GetHashCode\(\)](#)  , [object.GetType\(\)](#)  , [object.MemberwiseClone\(\)](#)  ,
[object.ReferenceEquals\(object, object\)](#) 

Constructors

AppCircle()

Initializes a new instance of the [AppCircle](#) class.

```
public AppCircle()
```

AppCircle(Canvas, int)

Initializes a new instance of the [AppCircle](#) class with the specified canvas and radius.

```
public AppCircle(Canvas c, int radius)
```

Parameters

c Canvas

The canvas to draw on.

radius [int](#)

The radius of the circle.

Methods

Execute()

Executes the circle drawing command on the canvas.

```
public override void Execute()
```

Exceptions

CanvasException

Thrown if double parameters are provided or if radius is less than 1.

Class AppCommandFactory



Namespace: [BOOSEapp](#)

Assembly: BOOSEapp.dll

Factory for creating BOOSE command instances based on command type strings.

```
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\(\)](#) 

Methods

MakeCommand(string)

Creates a command instance corresponding to the specified command type.

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

Parameters

commandType [string](#) 

The type of command to create (e.g., "circle", "rect", "moveto").

Returns

[ICommand](#)

An [BOOSE.ICommand](#) instance for the specified command type.

Class AppRect






Namespace: [BOOSEapp](#)

Assembly: BOOSEapp.dll

Represents a command to draw a rectangle on the canvas with specified width and height.

```
public class AppRect : CommandTwoParameters, ICommand
```










Inheritance

[object](#)  ← [Command](#)  ← [CanvasCommand](#)  ← [CommandOneParameter](#)  ← [CommandTwoParameters](#)  ← [AppRect](#)

Implements

[ICommand](#)

Inherited Members

[CommandTwoParameters.param2](#) , [CommandTwoParameters.param2unprocessed](#) ,
[CommandTwoParameters.CheckParameters\(string\[\]\)](#)  , [CommandOneParameter.param1](#) ,
[CommandOneParameter.param1unprocessed](#) , [CanvasCommand.yPos](#) , [CanvasCommand.xPos](#) ,
[CanvasCommand.canvas](#) , [CanvasCommand.Canvas](#) , [Command.IsDouble](#) , [Command.program](#) ,
[Command.parameterList](#) , [Command.parameters](#) , [Command.paramsint](#) ,
[Command.Set\(StoredProgram,string\)](#)  , [Command.Compile\(\)](#) , [Command.ProcessParameters\(string\)](#)  ,
[Command.ToString\(\)](#) , [Command.Program](#) , [Command.Name](#) , [Command.ParameterList](#) ,
[Command.Parameters](#) , [Command.Paramsint](#) , [object.Equals\(object\)](#)  , [object.Equals\(object, object\)](#)  ,
[object.GetHashCode\(\)](#)  , [object.GetType\(\)](#)  , [object.MemberwiseClone\(\)](#)  ,
[object.ReferenceEquals\(object, object\)](#) 

Constructors

AppRect()

Initializes a new instance of the [AppRect](#) class.

```
public AppRect()
```

AppRect(Canvas, int, int)

Initializes a new instance of the [AppRect](#) class with the specified canvas, width, and height.

```
public AppRect(Canvas c, int width, int height)
```

Parameters

c Canvas

The canvas to draw on.

width [int](#)

The width of the rectangle.

height [int](#)

The height of the rectangle.

Methods

Execute()

Executes the rectangle drawing command on the canvas.

```
public override void Execute()
```

Exceptions

CanvasException

Thrown if double parameters are provided or if width/height are less than 1.

Class BOOSEappForm

Namespace: [BOOSEapp](#)

Assembly: BOOSEapp.dll

The main form for the BOOSE application, providing the user interface and event handling.

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

Inheritance

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

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

BOOSEappForm()

Initializes a new instance of the [BOOSEappForm](#) class.

```
public BOOSEappForm()
```

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.

Interface IAppCanvas

Namespace: [BOOSEapp](#)

Assembly: BOOSEapp.dll

Interface for a drawing canvas that extends the ICanvas functionality. (Currently no additional members are defined.)

```
public interface IAppCanvas : ICanvas
```

Inherited Members

[ICanvas.Set\(int, int\)](#) , [ICanvas.SetColour\(int, int, int\)](#) , [ICanvas.MoveTo\(int, int\)](#) ,
[ICanvas.DrawTo\(int, int\)](#) , [ICanvas.Clear\(\)](#) , [ICanvas.Reset\(\)](#) , [ICanvas.Circle\(int, bool\)](#) ,
[ICanvas.Rect\(int, int, bool\)](#) , [ICanvas.Tri\(int, int\)](#) , [ICanvas.WriteText\(string\)](#) , [ICanvas.getBitmap\(\)](#) ,
[ICanvas.Xpos](#) , [ICanvas.Ypos](#) , [ICanvas.PenColour](#)